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SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR
FT INDIANTOWN GAP, PA

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723



OCTOBER 1989

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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: MAY 79 - APR 89 (AIRWAYS).

SUMMARY OF DAY DATA: FULL TIME - NONE AVAILABLE.

SUMMARY OF DAY DATA: SEP 78 - APR 89 (PART TIME).

HOURS SUMMARIZED: 00 AND 08 - 23 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NMBR
725144	FT INDIANTOWN GAP/MUIR AAF PA	N 40 26	W 076 34	488	KMUI	

*** STATION LOCATION AND INSTRUMENTATION HISTORY NOT AVAILABLE ***

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	AAAAA
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144 STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 5 MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		3.3		12.2		15.6	14.4	2.2	1.1		33.3	90
03-05												0
06-08		3.0	1.1	9.4		13.5	21.3	4.1	1.1		40.1	267
09-11		4.4	.7	15.5		20.6	20.0	7.2	.9		48.8	804
12-14		5.1	.4	11.7		17.2	16.2	8.1	.1		41.6	802
15-17		5.5		10.9		16.4	16.0	7.0	.1		39.6	669
18-20		1.5	.3	11.5		13.3	16.5	6.0	.5		36.3	399
21-23		3.5		10.7		14.1	14.7	3.2	.5		32.5	375
ALL HOURS		4.2	.4	12.2		16.7	17.3	6.4	.5		41.0	3406

MONTH: FEB

00-02		4.4	1.1	5.6		11.1	16.7	1.1			28.9	90
03-05												0
06-08		9.4	1.2	8.6		19.2	26.1	2.0			47.3	245
09-11	.3	12.1	.3	11.5		23.9	23.1	4.5			51.4	733
12-14		12.6		9.3		21.9	18.2	3.6			43.7	730
15-17		10.4	.3	8.0		18.7	15.3	2.9			36.9	616
18-20		7.4	.3	4.5		12.1	13.7	2.9			28.8	379
21-23		7.1	.9	3.7		11.7	17.1	1.7			30.6	350
ALL HOURS	1	10.3	.4	8.2		18.9	18.7	3.2			40.8	3143

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		5.9		3.0		8.9	11.9	3.0			23.8	101
03-05												0
06-08		11.1	.3	5.9		17.3	19.7	4.2			41.2	289
09-11		11.5	.1	6.6		18.2	17.9	4.2	.1		40.4	878
12-14	.5	11.3	.2	6.2		17.8	16.0	4.3			38.1	882
15-17	.3	11.3	.4	3.9		15.5	14.3	4.3			34.2	746
18-20	.2	7.8	.2	1.9		9.9	9.5	5.3			24.7	473
21-23		8.2		2.9		11.1	11.1	7.3			29.6	449
ALL HOURS	.2	10.4	.2	4.8		15.4	14.9	4.7	.0		35.1	3818

MONTH: APR

00-02	2.0	8.2		4.1		12.2	10.2	4.1			26.5	49
03-05												0
06-08	.3	16.9		2.6		19.5	23.4	4.7	.3		47.8	385
09-11	.5	16.4		3.0		19.4	18.3	4.7	.2		42.6	836
12-14	.1	15.1		1.3		16.4	12.9	3.6			32.9	823
15-17	1.3	15.7		1.2		16.9	10.3	3.9			31.2	667
18-20	1.1	13.3		1.1		14.3	10.7	2.6			27.6	460
21-23	.9	12.0		1.6		13.6	10.3	2.8			26.8	426
ALL HOURS	.7	15.0		1.9		16.9	14.2	3.8	.1		34.9	3646

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	.5	13.5				13.5	28.4	11.6			53.5	550
09-11	.2	12.2				12.2	20.2	14.6			47.0	821
12-14	1.2	13.4				13.4	12.9	11.4			37.6	816
15-17	2.5	14.0				14.0	11.9	8.8			34.7	570
18-20	5.4	17.9				17.9	15.3	5.4			38.6	425
21-23	1.7	13.7				13.7	20.7	9.0			43.4	357
ALL HOURS	1.6	13.8				13.8	17.9	10.8			42.5	3539

MONTH: JUN

00-02		100.0				100.0		100.0			100.0	1
03-05												0
06-08	.4	8.8				8.8	27.4	19.7			55.8	548
09-11	.1	4.7				4.7	13.0	19.3			37.1	823
12-14	.7	7.0				7.0	8.2	14.4			29.6	817
15-17	2.2	7.1				7.1	7.1	13.2			27.3	553
18-20	3.9	10.2				10.2	8.8	9.7			28.7	411
21-23	3.8	10.0				10.0	15.6	12.9			38.5	340
ALL HOURS	1.4	7.4				7.4	12.9	15.5			35.9	3493

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02							33.3				33.3	3
03-05												0
06-08	.4	5.7				5.7	33.8	28.7			68.2	544
09-11	.7	4.3				4.3	12.8	30.1			47.2	811
12-14	1.5	3.5				3.5	4.6	22.9			31.0	807
15-17	4.6	7.2				7.2	5.5	17.1			29.7	545
18-20	4.6	6.3				6.3	9.9	13.7			29.9	394
21-23	2.1	5.9				5.9	19.8	13.0			38.8	338
ALL HOURS	2.0	5.2				5.2	13.4	22.5			41.1	3442

MONTH: AUG

00-02												0
03-05												0
06-08	.3	6.5				6.5	42.9	22.9			72.3	585
09-11	.1	6.4				6.4	18.2	27.0			51.6	878
12-14	.8	5.9				5.9	6.5	24.0			36.5	875
15-17	2.7	6.3				6.3	4.8	23.2			34.4	599
18-20	2.4	7.0				7.0	12.3	21.5			40.9	455
21-23	2.1	6.1				6.1	23.1	17.5			46.7	377
ALL HOURS	1.2	6.3				6.3	17.0	23.5			46.8	3769

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	.4	8.5				8.5	41.7	12.7			62.9	544
09-11	.2	7.5				7.5	22.5	17.8			47.7	815
12-14	.1	8.5				8.5	9.8	15.3			33.6	810
15-17	1.2	9.6				9.6	8.4	12.6			30.6	562
18-20	1.2	7.2				7.2	14.2	8.8			30.2	430
21-23	.6	7.5				7.5	28.0	8.3			43.8	361
ALL HOURS	.5	8.2				8.2	19.8	13.5			41.5	3522

MONTH: OCT

00-02		7.7				7.7	15.4				23.1	13
03-05												0
06-08	.4	9.9		.4		10.3	33.1	5.4			48.7	517
09-11		9.3		.2		9.5	19.8	10.6			39.9	829
12-14		10.0				10.0	10.1	8.9			29.1	828
15-17	.2	10.4				10.4	10.1	7.6			28.1	565
18-20	.8	10.3				10.3	13.5	7.5			31.3	400
21-23	.3	7.8				7.8	13.5	7.8			29.1	347
ALL HOURS	.2	9.7		.1		9.8	16.5	8.3			34.6	3499

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSM	TOTAL NO. OF OBS
00-02		17.9		2.6		20.5	25.6				46.2	78
03-05												0
06-08		10.7		1.2		11.9	28.2	7.1			47.2	252
09-11	.1	13.2		2.4		15.6	22.8	10.8			49.2	756
12-14		11.6	.1	2.1		13.9	14.3	8.5			36.6	757
15-17		11.3	.5	1.0		12.8	15.0	7.3			35.1	627
18-20	.5	14.2		1.1		15.3	17.3	8.5			41.1	365
21-23		17.6		1.5		19.1	21.7	6.2	.3		47.2	341
ALL HOURS	.1	13.0	.1	1.7		14.8	19.0	8.2	.0		42.0	3176

MONTH: DEC

00-02		4.8		9.7		14.5	24.2	1.6			40.3	62
03-05												0
06-08		8.3	1.5	6.8		16.7	25.0	1.9			43.6	264
09-11		9.9	.9	7.5		18.2	22.4	4.0			44.6	791
12-14		9.7	.5	5.5		15.7	17.9	4.6			38.3	775
15-17		10.6	.2	5.4		16.2	16.8	3.8			36.8	606
18-20	.3	12.3		6.0		18.3	18.7	3.7			40.7	300
21-23		5.8		7.0		12.8	17.1	3.5			33.3	258
ALL HOURS	.0	9.6	.5	6.4		16.5	19.6	3.8			40.0	3056

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		4.2	.4	12.2		16.7	17.3	6.4	.5		41.0	3406
FEB	.1	10.3	.4	8.2		18.9	18.7	3.2			40.8	3143
MAR	.2	10.4	.2	4.8		15.4	14.9	4.7	.0		35.1	3818
APR	.7	15.0		1.9		16.9	14.2	3.8	.1		34.9	3646
MAY	1.6	13.8				13.8	17.9	10.8			42.5	3539
JUN	1.4	7.4				7.4	12.9	15.5			35.9	3493
JUL	2.0	5.2				5.2	13.4	22.5			41.1	3442
AUG	1.2	6.3				6.3	17.0	23.5			46.8	3769
SEP	.5	8.2				8.2	19.8	13.5			41.5	3522
OCT	.2	9.7		.1		9.8	16.5	8.3			34.6	3499
NOV	.1	13.0	.1	1.7		14.8	19.0	8.2	.0		42.0	3176
DEC	.0	9.6	.5	6.4		16.5	19.6	3.8			40.0	3056
ANNUAL	.7	9.4	.1	2.8		12.4	16.7	10.5	.1		39.6	41509

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: +05

PERIOD OF RECORD: 7809-8904
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.3	14.5	3.0	37.7		45.5	34.7	16.8	4.0		57.2	297
FEB	.8	23.3	2.4	26.5		42.4	38.8	13.9			55.5	245
MAR	2.3	28.9	1.7	18.1	.3	40.9	28.9	13.8	.7		50.0	298
APR	6.5	41.2		7.9	.7	45.9	34.1	12.5	.4		53.4	279
MAY	10.7	38.1				38.1	38.9	30.7			54.9	244
JUN	10.5	34.0			.8	34.0	37.7	36.0			58.7	247
JUL	16.5	29.8			.4	29.8	45.6	51.1			64.3	272
AUG	8.9	27.3			.7	27.3	54.3	48.8			66.6	293
SEP	4.7	25.4			.3	25.4	50.8	37.5			60.2	299
OCT	3.9	30.6		1.0	.3	30.9	39.8	24.3			53.3	304
NOV	1.1	33.5	.7	7.6	.4	38.5	39.9	20.5	.4		57.9	278
DEC	.3	22.8	2.4	24.6		42.6	34.9	10.7			53.3	289
ANNUAL	5.4	28.9	.9	10.4	.3	36.7	39.9	26.3	.5		57.1	3345

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144 STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 5

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02				2.0								
03-05												
06-08				.3	.5	.4	.4	.3	.4	.4		
09-11		.3		.5	.2	.1	.7	.1	.2		.1	
12-14			.5	.1	1.2	.7	1.5	.8	.1			
15-17			.3	1.3	2.5	2.2	4.6	2.7	1.2	.2		
18-20			.2	1.1	5.4	3.9	4.6	2.4	1.2	.8	.5	.3
21-23				.9	1.7	3.8	2.1	2.1	.6	.3		
ALL HOURS		.1	.2	.7	1.6	1.4	2.0	1.2	.5	.2	.1	.0
TOTAL OBS	3406	3143	3818	3646	3539	3493	3442	3769	3522	3499	3176	3056

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 029	030 - 129	130 - 189	190 - 289	290 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP	49.7		2.6	31.1	1.3	11.3	4.0	151
FREEZING PRECIP	46.2			53.8				13
FROZEN PRECIP	34.3		7.2	20.6	2.2	17.7	18.0	417
FOG	61.1		3.1	22.6	1.4	9.8	2.1	584
FOG WITH VIS GE 1/2 MILES	60.2		3.2	23.4	1.3	9.8	2.1	530
TOTAL OBS	1094	0	147	382	75	916	792	3406

MONTH: FEB HOURS: ALL

TSTMS			50.0	50.0				2
LIQUID PRECIP	30.1		4.0	44.2	4.9	5.2	11.7	326
FREEZING PRECIP	50.0			33.3	8.3		8.3	12
FROZEN PRECIP	34.7		4.6	28.2	.8	12.6	19.1	262
FOG	49.8		2.7	34.4	3.9	4.5	4.6	584
FOG WITH VIS GE 1/2 MILES	48.7		3.0	34.9	4.1	4.5	4.9	536
TOTAL OBS	820	0	151	569	102	662	839	3143

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 029	030 - 129	130 - 189	190 - 289	290 - 359	NO OF OBS
TSTMS	14.3			42.9		14.3	28.6	7
LIQUID PRECIP	20.8		5.2	57.3	4.0	8.9	3.7	403
FREEZING PRECIP	25.0			62.5	12.5			8
FROZEN PRECIP	8.7		2.6	33.7	1.5	29.1	24.5	196
FOG	31.7		3.5	50.4	2.6	8.6	3.2	568
FOG WITH VIS GE 1/2 MILES	31.2		3.6	50.7	2.7	8.4	3.3	548
TOTAL OBS	747	0	223	734	218	878	1018	3818

MONTH: APR HOURS: ALL

TSTMS	28.0		8.0	20.0	12.0	16.0	16.0	25
LIQUID PRECIP	15.4		6.4	49.7	.9	17.7	9.8	531
FREEZING PRECIP								
FROZEN PRECIP	9.2		12.3	13.8		35.4	29.2	65
FOG	28.6		4.8	52.6	1.5	9.1	3.3	517
FOG WITH VI GE 1/2 MILES	28.1		4.9	52.8	1.6	9.2	3.3	509
TOTAL OBS	709	0	185	769	218	899	866	3646

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 029	030 - 129	130 - 189	190 - 289	290 - 359	NO OF OBS
TSTMS	22.4		8.6	8.6	8.6	19.0	32.8	58
LIQUID PRECIP	24.3		5.3	46.8	4.0	12.6	7.1	453
FREEZING PRECIP								
FROZEN PRECIP								
FOG	42.6		3.7	37.0	4.8	7.9	4.0	624
FOG WITH VIS GE 1/2 MILES	41.9		3.7	37.5	4.9	8.0	4.1	616
TOTAL OBS	948	0	213	654	235	827	662	3539

MONTH: JUN HOURS: ALL

TSTMS	18.0		6.0	20.0	4.0	18.0	34.0	50
LIQUID PRECIP	37.3		3.5	31.1	3.5	18.0	6.6	228
FREEZING PRECIP								
FROZEN PRECIP								
FOG	49.8		.7	31.1	.9	16.0	1.6	450
FOG WITH VIS GE 1/2 MILES	49.3		.7	31.6	.5	16.4	1.6	440
TOTAL OBS	1045	0	194	433	138	909	774	3493

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 029	030 - 129	130 - 189	190 - 289	290 - 359	NO OF OBS
TSTMS	16.2		8.8	19.1	5.9	32.4	17.6	68
LIQUID PRECIP	22.7		4.5	32.6	6.1	25.8	8.3	132
FREEZING PRECIP								
FROZEN PRECIP								
FOG	56.3		3.5	20.3	3.0	15.2	1.7	462
FOG WITH VIS GE 1/2 MILES	56.2		3.5	20.3	3.1	15.2	1.8	454
TOTAL OBS	1099	0	186	380	202	814	760	3441

MONTH: AUG HOURS: ALL

TSTMS	33.3		4.4	11.1	4.4	31.1	15.6	45
LIQUID PRECIP	39.0		7.1	32.4	1.4	11.4	8.6	210
FREEZING PRECIP								
FROZEN PRECIP								
FOG	62.0		2.2	20.5	1.9	11.4	1.9	623
FOG WITH VIS GE 1/2 MILES	61.4		2.3	20.8	2.0	11.6	2.0	612
TOTAL OBS	1371	0	186	520	256	761	675	3769

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 029	030 - 129	130 - 189	190 - 289	290 - 359	NO OF OBS
TSTMS	31.6		5.3	15.8		15.8	31.6	19
LIQUID PRECIP	38.5		6.2	34.8	5.5	8.4	6.6	273
FREEZING PRECIP								
FROZEN PRECIP								
FOG	62.3		3.0	20.9	3.0	9.3	1.5	689
FOG WITH VIS GE 1/2 MILES	61.2		3.2	21.5	3.2	9.5	1.5	662
TOTAL OBS	1380	0	180	489	189	733	551	3522

MONTH: OCT HOURS: ALL

TSTMS	28.6				14.3	14.3	42.9	7
LIQUID PRECIP	38.8		5.6	32.5	.6	10.4	12.1	338
FREEZING PRECIP								
FROZEN PRECIP	100.0							4
FOG	66.3		3.3	20.3	.2	7.0	3.0	575
FOG WITH VIS GE 1/2 MILES	65.0		3.3	21.2	.2	7.1	3.1	546
TOTAL OBS	1296	0	154	575	129	777	568	3499

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 029	030 - 129	130 - 189	190 - 289	290 - 359	NO OF OBS
TSTMS				100.0				3
LIQUID PRECIP	31.8		4.6	40.8	3.2	10.9	8.7	412
FREEZING PRECIP				100.0				4
FROZEN PRECIP	9.5		9.5	27.0		25.4	28.6	63
FOG	48.5		4.3	34.3	2.7	6.9	3.3	598
FOG WITH VIS GE 1/2 MILES	47.2		4.6	35.1	2.8	6.7	3.5	564
TOTAL OBS	1094	0	124	504	98	748	608	3176

MONTH: DEC HOURS: ALL

TSTMS						100.0		1
LIQUID PRECIP	29.9		5.0	50.3	.7	4.4	9.7	298
FREEZING PRECIP	31.3			56.3	12.5			16
FROZEN PRECIP	25.9		2.5	25.4	1.5	22.3	22.3	197
FOG	48.9		2.9	35.7	1.2	7.4	3.9	585
FOG WITH VIS GE 1/2 MILES	47.1		3.1	37.3	1.1	7.2	4.2	544
TOTAL OBS	975	0	103	432	68	834	644	3056

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	360 - 029	030 - 129	130 - 189	190 - 289	290 - 359	NO OF OBS
TSTMS	22.5		7.0	16.8	6.0	23.2	24.6	285
LIQUID PRECIP	29.3		5.2	42.7	2.9	11.6	8.3	3755
FREEZING PRECIP	35.8			54.7	7.5		1.9	53
FROZEN PRECIP	26.4		5.5	25.1	1.4	20.5	21.1	1204
FOG	51.0		3.2	31.5	2.3	9.2	2.9	6859
FOG WITH VIS GE 1/2 MILES	50.0		3.3	32.1	2.3	9.3	3.0	6561
TOTAL OBS	12578	0	2046	6441	1928	9758	8757	41508

pppppppp	AAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBB
pppppppp	AAAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBB
pp pp	AA AA	RR RR	TT	BB BB
pp pp	AA AA	RR RR	TT	BB BB
pppppppp	AA AA	RRRRRRRR	TT	BBBBBBBBB
pppppppp	AAAAAAAAA	RRRRRRRR	TT	BBBBBBBBB
pp	AAAAAAAAA	RR RR	TT	BB BB
pp	AA AA	RR RR	TT	BB BB
pp	AA AA	RR RR	TT	BBBBBBBBB
pp	AA AA	RR RR	TT	BBBBBBBBB

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (B INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN PER.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTOR/ MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: +05

PERIOD OF RECORD: 7809-8904
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	43.1	47.3	49.0	42.3	47.7	54.1	54.0	55.1	61.9	57.0	48.0	45.0	50.5
TRACE	21.5	18.0	20.5	15.4	9.9	9.8	11.4	9.2	8.7	8.6	15.2	18.3	13.9
.01	2.0	3.3	1.3	.7	2.5	2.0	1.8	1.7	1.3	1.3	1.4	1.7	1.7
.02-.05	8.8	7.3	3.7	7.2	8.2	3.3	6.3	5.8	5.7	6.6	5.1	7.3	6.3
.06-.10	5.4	4.1	5.7	4.7	3.7	5.3	4.0	6.2	2.3	4.0	3.6	5.9	4.6
.11-.25	7.1	5.3	7.7	10.0	7.8	8.1	6.3	6.5	8.0	8.3	6.1	8.7	7.5
.26-.50	6.1	5.3	3.7	7.2	7.8	5.7	5.5	5.5	4.7	6.0	7.9	5.9	5.9
.51-1.00	2.4	5.7	6.0	7.9	9.1	5.3	6.3	6.5	3.3	5.6	7.2	3.8	5.7
1.01-2.50	3.4	3.7	2.3	3.9	2.9	6.1	4.4	3.4	2.3	2.6	5.4	3.1	3.6
2.51-5.00	.3			.7	.4	.4			1.7			.3	.3
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	35.4	34.7	30.5	42.3	42.4	36.2	34.6	35.6	29.4	34.4	36.8	36.7	35.6
TOTAL NO. OF OBSERVATIONS	297	245	298	279	243	246	272	292	299	302	277	289	3339

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: +05

PERIOD OF RECORD: 7809-8904
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
78									1.45	3.07*	3.16*	3.76*	11.44*
79	9.93		3.75				1.79*	5.50	8.64	4.71*	3.98	2.63*	40.93*
80	.97*	1.43*		7.34	4.17*	4.63*	3.03*	1.86	1.03	2.26*	2.68*	.88*	30.28*
81	.74*	7.40*	1.73	4.70	2.72*	4.48*	4.46*	1.93	1.97	4.18*	1.06*	2.74*	38.11*
82	3.96*	2.11*	2.55	5.78	2.57*	10.81	2.91*	4.88	4.85	2.18	3.63*	2.89*	49.12*
83	2.33	3.39*	4.36	10.73	5.97	6.39	.86	3.39	1.91	5.65*	6.46*	6.51*	57.95*
84	1.15*	3.90	3.89	4.59	6.98	6.37*	6.09*	3.69	.71*	3.59*	3.88*	2.85*	47.69*
85	2.63	2.05*	1.53	1.70	6.02*	3.45*	5.51	3.44	4.16	1.48	6.39*	3.86*	42.22*
86	4.62*	5.00	2.79	6.11	2.66	2.83	6.42	6.31	2.48	2.91*	6.48	6.23*	54.84*
87	4.13*	.89	3.25	5.57	4.26	1.92	2.07	3.46	10.17	2.71	4.47*	2.75	45.65*
88	1.91*	3.37*	2.39*	2.81*	5.98*	2.59	6.88	4.84	3.84	2.90	4.13	.79*	42.43*
89	2.58	2.35	3.93	1.17									10.03*
LEAST	2.33	.89	1.53	1.17	2.66	1.92	.86	1.86	1.03	1.48	3.98	2.75	
GREATEST	9.93	7.40	4.36	10.73	6.98	10.81	6.88	6.31	10.17	5.65	6.48	6.51	57.95
MEAN			3.09	5.30		4.91	4.35	3.93	4.05				
MEDIAN			3.25	5.57		2.83	5.51	3.58	3.16				
SD			1.005	2.861		3.730	2.712	1.451	3.100				
TOTAL OBS	297	245	298	279	243	246	272	292	299	302	277	289	3339

THE GREATEST VALUE OF 10.81 OCCURRED ON 06/82

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: +05

PERIOD OF RECORD: 7809-8904
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
78									.47	.91*	.83*	1.35*	1.35*
79	2.88		1.31				.72*	1.06	3.06	2.00*	1.07	1.22*	3.06*
80	.27*	.86*		1.61	1.42*	1.60*	.97*	.53	.40	1.19*	1.50*	.28*	1.61*
81	.31*	1.85*	.66	.78	.64*	1.49*	1.57*	.66	.66	1.01*	.66*	.62*	1.85*
82	2.18*	1.09*	.56	1.01	.59*	2.52	1.07*	1.90	1.20	.90	1.25*	1.34*	2.52*
83	.57	1.95*	1.32	2.53	1.46	1.68	.44	1.04	.92	1.40*	1.31*	2.28*	2.53*
84	.31*	1.30	1.23	1.73	2.87	2.01*	1.92*	.97	.25*	1.94*	1.40*	.80*	2.87*
85	1.51	1.03*	.62	.87	1.75*	1.90*	1.41	1.24	3.05	.41	1.66*	2.84*	3.05*
86	1.57*	1.57	1.15	3.25	.82	.85	1.40	2.42	1.12	1.15*	.88	1.91*	3.25*
87	1.06*	.71	1.71	2.43	1.69	.51	.95	.73	3.45	1.54	2.42*	1.18	3.45*
88	.76*	.88*	.93*	.93*	2.21*	1.25	2.36	2.20	2.63	.85	1.47	.26*	2.63*
89	.70	.86	1.08	.21									1.08*
GREATEST	2.88	1.95	1.71	3.25	2.87	2.52	2.36	2.42	3.45	2.00	2.42	2.84	3.45
TOTAL OBS	297	245	298	279	243	246	272	292	299	302	277	289	3339

THE GREATEST VALUE OF 3.45 OCCURRED ON 09/08/87

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: +05

PERIOD OF RECORD: 7809-8904
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	57.9	70.2	79.2	91.4	100.0	100.0	100.0	100.0	100.0	99.0	91.7	75.0	88.6
TRACE	21.2	18.0	15.1	6.1						1.0	6.5	16.0	7.1
0.1-0.4	4.7	2.9	1.0	.4							.4	2.1	1.0
0.5-1.4	9.1	3.7	2.3	1.1								4.9	1.8
1.5-2.4	3.0	2.0	.7	.7							.4	1.0	.7
2.5-3.4	2.4	1.2	.3								.4		.4
3.5-4.4	.7	.4	.7								.7	.3	.2
4.5-6.4	1.0	.8	.7									.7	.3
6.5-10.4		.4		.4									.1
10.5-15.4													
15.5-25.4		.4											.0
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	20.9	11.8	5.7	2.5							1.8	9.0	4.4
TOTAL NO. OF OBSERVATIONS	297	245	298	279	243	247	272	291	299	303	278	288	3340

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: +05

PERIOD OF RECORD: 7809-8904
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
78									.0	.0*	4.0*	.5*	4.5*
79	8.2		TRACE				.0*	.0	.0	TRACE*	TRACE	3.0*	11.2*
80	3.5*	3.0*		TRACE	.0*	.0	.0*	.0	.0	.0*	2.0*	5.0*	13.5*
81	7.2*	1.7*	7.6	TRACE	.0*	.0*	.0*	.0*	.0	TRACE*	TRACE*	11.6*	28.1*
82	12.2*	4.9*	4.1	10.7	.0*	.0	.0*	.0	.0	.0	TRACE*	1.5*	33.4*
83	6.7	19.4*	TRACE	2.0	.0	.0	.0	.0	.0	.0*	.4*	2.3*	30.8*
84	7.2*	.7	12.3	.0	.0	.0*	.0*	.0	.0*	.0*	TRACE*	1.3*	21.5*
85	9.5	9.7*	TRACE	2.5	.0*	.0*	.0	.0	.0	.0	.0*	5.0*	26.7*
86	5.7*	12.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0*	19.3*
87	21.0*	10.0	1.0	TRACE	.0	.0	.0	.0	.0	.0	7.0*	.5	39.5*
88	3.3*	5.0*	TRACE*	TRACE*	.0*	.0	.0	.0	.0	TRACE	TRACE	TRACE*	8.3*
89	4.9	1.0	8.2	TRACE									14.1*
LEAST	4.9	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.5	
GREATEST	21.0	19.4	12.3	10.7	.0	.0	.0	.0	.0	TRACE	7.0	11.6	39.5
MEAN			3.7	1.7		.0	.0	.0	.0	TRACE			
MEDIAN			1.0	TRACE		.0	.0	.0	.0	.0			
SD			4.632	3.519		.000	.000	.000	.000	.000			
TOTAL OBS	297	245	298	279	243	247	272	291	299	303	278	288	3340

THE GREATEST VALUE OF 21.0 OCCURRED ON 01/87

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: +05

PERIOD OF RECORD: 7809-8904
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
78									.0	.0*	4.0*	.5*	4.0*
79	2.0		TRACE				.0*	.0	.0	TRACE*	TRACE	2.0*	2.0*
80	2.0*	2.0*		TRACE	.0*	.0	.0*	.0	.0	.0*	2.0*	5.0*	5.0*
81	3.0*	.7*	6.0	TRACE	.0*	.0*	.0*	.0*	.0	TRACE*	TRACE*	4.5*	6.0*
82	4.5*	2.0*	1.8	8.5	.0*	.0	.0*	.0	.0	.0	TRACE*	1.5*	8.5*
83	5.2	16.0*	TRACE	2.0	.0	.0	.0	.0	.0	.0*	.4*	1.0*	16.0*
84	1.6*	.5	5.8	.0	.0	.0*	.0*	.0	.0*	.0*	TRACE*	1.3*	5.8*
85	3.0	6.0*	TRACE	1.7	.0*	.0*	.0	.0	.0	.0	.0*	2.0*	6.0*
86	2.8*	6.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0*	6.4*
87	6.0*	8.0	1.0	TRACE	.0	.0	.0	.0	.0	.0	4.0*	.4	8.0*
88	1.0*	4.0*	TRACE*	TRACE*	.0*	.0	.0	.0	.0	TRACE	TRACE	TRACE*	4.0*
89	3.4	1.0	4.0	TRACE									4.0*
GREATEST	6.0	16.0	6.0	8.5	.0	.0	.0	.0	.0	TRACE	4.0	5.0	16.0
TOTAL OBS	297	245	298	279	243	247	272	291	299	303	278	288	3340

THE GREATEST VALUE OF 16.0 OCCURRED ON 02/13/83

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: +05

PERIOD OF RECORD: 7809-8904
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	35.4	43.3	79.9	96.4	100.0	100.0	100.0	100.0	100.0	100.0	95.7	82.0	86.1
TRACE	23.9	25.7	11.4	1.4							1.1	6.6	5.8
1	10.8	12.2	2.0	1.1							1.1	5.2	2.7
2	13.1	8.2	1.7	.7							1.1	2.1	2.2
3	5.1	2.4	1.3									1.0	.8
4-6	8.8	3.3	3.7	.4							.7	2.8	1.7
7-12	3.0	4.1									.4	.3	.6
13-24		.8											.1
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	40.7	31.0	8.7	2.2							3.2	11.4	8.1
TOTAL NO. OF OBSERVATIONS	297	245	298	279	243	247	272	291	299	303	278	289	3341

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: +05

PERIOD OF RECORD: 7809-8904
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
78									0	0*	5*	TRACE*	5*
79	4		0				0*	0	0	0*	0	3*	4*
80	2*	2*		0	0*	0	0*	0	0	0*	2*	4*	4*
81	3*	1*	6	TRACE	0*	0*	0*	0*	0	0*	0*	7*	7*
82	7*	2*	2	5	0*	0	0*	0	0	0	0*	2*	7*
83	5	16*	0	2	0	0	0	0	0	0*	0*	1*	16*
84	4*	1	6	TRACE	0	0*	0*	0	0*	0*	0*	1*	6*
85	4	6*	0	1	0*	0*	0	0	0	0	0*	2*	6*
86	2*	8	TRACE	0	0	0	0	0	0	0	0	1*	8*
87	11*	9	1	TRACE	0	0	0	0	0	0	7*	3	11*
88	4*	4*	TRACE*	0*	0*	0	0	0	0	0	0	0*	4*
89	4	1	6	0									6*
GREATEST	11	16	6	5	0	0	0	0	0	0	7	7	16
TOTAL OBS	297	245	298	279	243	247	272	291	299	303	278	289	3341

THE GREATEST VALUE OF 16 OCCURRED ON 02/13/83

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA

PERIOD OF RECORD: 7809-8904
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
78 - 79	NOV 21	NOV 27	NOV 27	MAR 27	JAN 25	JAN 22
79 - 80	OCT 10	DEC 19	DEC 20	APR 16	FEB 29	FEB 29
80 - 81	NOV 18	NOV 18	NOV 18	APR 24	MAR 21	MAR 08
81 - 82	OCT 19	DEC 14	DEC 15	APR 12	APR 09	APR 09
82 - 83	NOV 24	DEC 20	DEC 20	APR 25	APR 20	APR 20
83 - 84	NOV 04	NOV 25	DEC 03	MAR 31	MAR 29	MAR 31
84 - 85	NOV 13	DEC 06	DEC 06	APR 09	APR 09	APR 09
85 - 86	DEC 05	DEC 06	DEC 06	APR 23	FEB 25	FEB 25
86 - 87	NOV 14	DEC 11	DEC 12	APR 03	MAR 15	MAR 15
87 - 88	NOV 06	NOV 10	NOV 12	APR 16	FEB 16	FEB 16
88 - 89	OCT 26	JAN 03	JAN 04	APR 10	MAR 21	MAR 21
MEDIAN-DATE	NOV 13	DEC 06	DEC 06	APR 12	MAR 21	MAR 15

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
P	AA AA	RR RR	TT	CCCCC

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: +05

PERIOD OF RECORD: 8505-8904
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
85					30/*28	33/*39	32/*28	20/*28	35/*48	27/*36	05/*31	29/*47	35/*48
86	27/*47	34/ 32	27/ 45	29/ 32	27/ 33	36/ 30	33/ 36	07/*32	32/ 40	31/ 37	30/ 37	30/*36	27/*47
87	30/*41	34/ 45	35/ 36	06/ 37	27/ 28	30/ 34	07/ 29	31/ 32	30/ 26	30/ 40	33/*44	32/ 37	34/*45
88	25/*41	30/*34	36/*31	30/*38	33/*27	33/ 48	36/ 40	30/ 48	32/ 20	28/ 33	25/ 34	31/*20	33/*48
89	30/*20	26/*25	26/*28	28/ 34									28/*34
.....													
GREATEST	27/ 47	34/ 45	27/ 45	30/ 38	27/ 33	33/ 48	36/ 40	30/ 48	35/ 48	30/ 40	33/ 44	29/ 47	35/ 48
.....													
TOTAL OBS	84	96	101	113	94	114	111	115	93	109	107	105	1242

THE PEAK WIND OF 48 FROM 35/ OCCURRED ON 09/27/85

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: +05

PERIOD OF RECORD: 8505-8904
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	2.4	4.8	25.0	19.0	19.0	6.0	9.5	9.5	4.8	.0	.0	20.8	19.0	84
FEB	.0	9.4	20.8	24.0	20.8	13.5	7.3	2.1	2.1	.0	.0	19.4	18.0	96
MAR	.0	.0	19.8	26.7	21.8	19.8	6.9	3.0	2.0	.0	.0	21.3	20.0	101
APR	.0	1.8	17.7	18.6	31.9	21.2	7.1	1.8	.0	.0	.0	21.1	21.0	113
MAY	.0	6.4	27.7	28.7	20.2	13.8	3.2	.0	.0	.0	.0	17.9	17.5	94
JUN	.0	7.9	27.2	23.7	23.7	9.6	6.1	.9	.9	.0	.0	18.4	17.0	114
JUL	.0	5.4	23.4	38.7	15.3	11.7	1.8	2.7	.9	.0	.0	18.2	17.0	111
AUG	.0	7.8	33.9	24.3	22.6	4.3	4.3	1.7	.9	.0	.0	17.2	16.0	115
SEP	1.1	11.8	39.8	28.0	11.8	3.2	2.2	.0	2.2	.0	.0	15.6	14.0	93
OCT	.0	5.5	31.2	22.9	14.7	14.7	7.3	2.8	.9	.0	.0	18.7	18.0	109
NOV	1.9	9.3	27.1	24.3	15.0	11.2	5.6	4.7	.9	.0	.0	18.2	17.0	107
DEC	.0	11.4	28.6	19.0	15.2	9.5	11.4	2.9	1.9	.0	.0	19.0	18.0	105
ANNUAL	.4	6.8	26.8	24.9	19.5	11.7	6.0	2.6	1.4	.0	.0	18.8	18.0	1242

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1		1.1									2.2	6.5	6.5
020-040	5.6	3.3	1.1									10.0	5.0	4.0
050-070	2.2	1.1										3.3	3.7	3.0
(E) 080-100	1.1											1.1	2.0	2.0
110-130	2.2											2.2	2.0	2.0
140-160														
(S) 170-190														
200-220		1.1										1.1	6.0	6.0
230-250	2.2	4.4										6.7	5.3	5.5
(W) 260-280	3.3	3.3	3.3	1.1	1.1							12.2	9.1	8.0
290-310	2.2	6.7	7.8									16.7	7.9	9.0
320-340			3.3									3.3	12.0	12.0
VARIABLE														
CALM	////////////////////////////////////											41.1	////////	
TOTALS	19.9	19.9	16.6	1.1	1.1							100.0	4.1	6.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.5	.4									2.2	7.5	7.5
020-040	2.6	2.6										5.2	4.4	4.5
050-070	4.1	1.1	1.1									6.4	5.1	4.0
(E) 080-100	1.5											1.5	3.5	3.5
110-130														
140-160														
(S) 170-190	.4											.4	2.0	2.0
200-220	1.5	.4										1.9	4.2	4.0
230-250	1.9	3.4	1.1		.4							6.7	6.9	5.5
(W) 260-280	4.1	5.6	4.1		.4							14.2	7.4	7.0
290-310	3.4	3.4	4.1	1.1	.7							12.7	9.2	8.5
320-340	.4	1.5	1.5									3.4	7.4	7.0
VARIABLE														
CALM	////////////////////////////////////											45.3	////////	
TOTALS	20.3	19.5	12.3	1.1	1.5							100.0	3.8	6.0

TOTAL NUMBER OF OBSERVATIONS 267

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	1.9	.7									3.4	6.7	6.0
020-040	2.7	2.0	1.0	.1								5.8	5.6	5.0
050-070	3.1	3.2	.4									6.7	4.8	5.0
(E) 080-100	1.7	1.7	.1									3.6	4.6	5.0
110-130	.9											.9	2.7	3.0
140-160	.4											.4	2.7	3.0
(S) 170-190		.2										.2	5.5	5.5
200-220	1.7	1.4	.2									3.4	5.0	4.0
230-250	2.4	4.2	2.0		.1							8.7	6.9	6.0
(W) 260-280	2.4	5.0	4.6	1.2	.2							13.4	8.9	8.0
290-310	1.2	4.7	7.0	2.2	.5							15.7	10.1	10.0
320-340	.9	3.2	1.2	.1								5.5	7.5	8.0
VARIABLE														
CALM	////////////////////////////////////											32.3	////////////////////////////////	
TOTALS	18.1	27.5	17.2	3.6	.8							100.0	5.0	7.0

TOTAL NUMBER OF OBSERVATIONS 804

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.6	1.9	.9									3.4	7.4	8.0
020-040	1.6	2.6	.4									4.6	5.1	5.0
050-070	1.5	3.5	.2									5.2	5.6	6.0
(E) 080-100	1.0	1.1	.1									2.2	5.0	5.0
110-130	.5	.5										1.0	4.0	4.0
140-160	1.2	.4	.2									1.9	4.5	3.0
(S) 170-190	1.9	1.1										3.0	4.2	4.0
200-220	1.4	2.5	.9									4.7	6.2	6.0
230-250	1.7	3.1	2.4	.5								7.7	7.8	8.0
(W) 260-280	1.4	4.2	8.4	1.7	.4							16.1	10.1	10.0
290-310	1.2	6.2	9.4	2.0	.4	.1						19.3	10.1	10.0
320-340	.7	3.1	2.7	.7								7.4	9.0	8.0
VARIABLE														
CALM	////////////////////////////////////											23.4	////////////////////////////////	
TOTALS	14.7	30.2	25.6	4.9	.8	.1						100.0	6.3	8.0
TOTAL NUMBER OF OBSERVATIONS 802														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	2.2	.6	.3								4.2	7.0	6.0
020-040	2.2	1.8	.6									4.6	4.9	5.0
050-070	1.3	2.1	.1									3.6	5.0	5.0
(E) 080-100	.9	1.2	.1									2.2	5.3	5.0
110-130	.6	.9										1.5	5.0	5.5
140-160	1.3	.4										1.8	3.0	3.0
(S) 170-190	1.3	.6	.1									2.1	4.1	3.5
200-220	1.6	2.2	.4									4.3	5.8	5.0
230-250	2.2	3.4	2.1	.9								8.7	7.7	7.0
(W) 260-280	2.5	8.4	7.0	1.3	.4							19.7	9.0	8.5
290-310	1.5	6.0	7.8	1.5	.1							16.9	9.5	10.0
320-340	.3	2.1	2.1	.3								4.8	8.6	9.0
VARIABLE														
CALM	////////////////////											25.6	////////	
TOTALS	16.7	31.3	20.9	4.3	.5							100.0	5.7	7.0

TOTAL NUMBER OF OBSERVATIONS 669

OPERATING LOCATION A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	1.8	.3	.3								4.8	5.5	4.0
020-040	2.3	2.0										4.3	4.8	4.0
050-070	3.0	1.3	.3									4.5	4.6	4.0
(E) 080-100	1.5											1.5	3.2	3.0
110-130	.5	.3										.8	4.0	4.0
140-160	.5											.5	2.0	2.0
(S) 170-190	.5											.5	2.5	2.5
200-220	.3											.3	4.0	4.0
230-250	1.8	2.0	1.0		.3							5.0	7.0	6.0
(W) 260-280	2.8	9.3	4.3	.8	.8							17.8	8.4	8.0
290-310	3.0	7.3	5.5	.8	.3							16.8	8.3	8.0
320-340	1.8	1.0	1.3									4.0	7.1	7.5
VARIABLE														
CALM	////////////////////////////////////											39.3	////////////////////////////////	
TOTALS	20.5	25.0	12.7	1.9	1.4							100.0	4.3	6.0
TOTAL NUMBER OF OBSERVATIONS 399														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	1.3	.3	.3								3.2	6.5	6.0
020-040	4.3	2.1	.3									6.7	4.2	4.0
050-070	2.7	.8										3.5	3.6	3.0
(E) 080-100	1.9											1.9	3.4	4.0
110-130	.3	.5										.8	4.7	5.0
140-160														
(S) 170-190														
200-220	.3	.5	.3									1.1	6.0	6.0
230-250	2.9	2.9	.8									6.7	5.6	5.0
(W) 260-280	2.9	6.7	2.9		.3							12.8	7.4	8.0
290-310	2.7	4.3	7.5	1.1	.5	.3						16.3	9.5	10.0
320-340	.5	2.1	1.1	.8								4.5	9.1	8.0
VARIABLE														
CALM	////////////////////////////////////											42.7	////////////////////////////////	
TOTALS	19.8	21.2	13.2	2.2	.8	.3						100.0	4.0	6.0

TOTAL NUMBER OF OBSERVATIONS 375

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.0	1.8	.6	.1								3.6	6.7	6.0
020-040	2.6	2.2	.5	.0								5.3	5.0	5.0
050-070	2.4	2.3	.3								5.0	4.9	5.0	
(E) 080-100	1.4	.9	.1								2.3	4.5	4.0	
110-130	.6	.4								1.0	4.0	4.0		
140-160	.7	.2	.1								.9	3.6	3.0	
(S) 170-190	.3	.4	.0								1.3	4.1	4.0	
20-220	1.2	1.5	.4								3.1	5.6	5.0	
230-250	2.1	3.3	1.7	.3	.1						7.6	7.1	6.0	
(W) 260-280	2.4	6.2	5.7	1.1	.4						15.8	8.9	9.0	
290-310	1.8	5.5	7.4	1.6	.4	.1					16.8	9.6	10.0	
320-340	.7	2.4	1.8	.4								5.3	8.4	8.0
VARIABLE														
CALM	////////////////////////////////////											32.1	////////////////////////////////	
TOTALS	17.7	27.1	18.6	3.5	.9	.1						100.0	5.2	7.0

TOTAL NUMBER OF OBSERVATIONS 3406

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
1ST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.3										1.5	3.6	2.0
020-040	8.2	3.8	1.5									13.5	4.5	4.0
050-070	4.4	8.8	1.5									14.7	5.9	6.0
(E) 080-100	2.4	2.4	.3									5.0	4.8	5.0
110-130	.6	.3										.9	3.7	3.0
140-160	.9											.9	2.7	3.0
(S) 170-190	.9											.9	2.3	2.0
200-220	.3											.3	2.0	2.0
230-250	3.2	.9	.3									4.4	4.1	3.0
(W) 260-280	1.2	.6	.3									2.1	5.1	3.0
290-310	.3	.3		.6								1.2	10.3	10.5
320-340														
VARIABLE														
CAIM	////////////////////////////////////											54.7	////////////////////////////////	
TOTALS	23.6	17.4	3.9	.6								100.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 340

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		4.4	3.3									7.8	7.4	6.0
020-040	2.2	2.2		1.1								5.6	7.4	6.0
050-070	1.1	1.1	1.1	1.1								4.4	8.3	7.5
(E) 080-100	2.2	1.1										3.3	3.3	2.0
110-130	1.1											1.1	2.0	2.0
140-160														
(S) 170-190														
200-220	1.1											1.1	4.0	4.0
230-250	3.3	3.3										6.7	5.0	4.5
(W) 260-280	2.2	2.2	1.1	1.1								6.7	7.8	8.0
290-310	5.6	2.2	7.8									15.6	8.4	9.5
320-340		4.4	2.2									6.7	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											41.1	////////	
TOTALS	18.8	20.9	15.5	3.3								100.0	4.2	6.0
TOTAL NUMBER OF OBSERVATIONS 90														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	.8	1.2									4.1	6.4	5.0
020-040	4.1	4.5	1.2									9.8	5.6	6.0
050-070	3.3	2.9	2.0	.4								8.6	6.6	6.0
(E) 080-100	1.6	1.2	.4	.4								3.7	5.9	5.0
110-130	.4		.4									.8	6.0	6.0
140-160	.4											.4	2.0	2.0
(S) 170-190	.4											.4	1.0	1.0
200-220		1.2	.4									1.6	7.8	7.5
230-250	2.0	1.6	.4									4.1	4.8	4.0
(W) 260-280	1.6	2.4	2.9	.4	.4							7.8	8.7	9.0
290-310	1.2	5.3	3.7		.4							10.6	8.4	8.5
320-340	.8	3.3	2.0		.4							6.5	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////											41.6	////////	
TOTALS	17.8	23.2	14.6	1.2	1.2							100.0	4.1	6.0

TOTAL NUMBER OF OBSERVATIONS 245

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTIO. VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: FEB HOURS: 09-11

		WIND SPEED I KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.0	2.5	1.5	.4								5.3	8.3	8.0
020-040		1.6	3.5	.7									5.9	6.3	6.0
050-070		3.7	4.9	1.1		.4							10.1	6.3	6.0
(E) 080-100		3.3	2.7	.4	.1								6.5	5.1	4.5
110-130		.8	.3		.3								1.4	6.3	3.5
140-160		.3	.4										.7	5.0	5.0
(S) 170-190		.8	.5										1.4	4.0	3.5
200-220		1.2	1.0	.5									2.7	5.6	5.0
230-250		1.6	2.5	1.8									5.9	6.9	7.0
(W) 260-280		1.6	3.1	4.2		.1							9.1	8.4	9.0
290-310		1.6	4.5	6.1	.8	.1	.3						13.5	9.5	10.0
320-340		1.0	4.1	3.5	1.0	.1							9.7	9.6	9.0
VARIABLE															
CALM		////////////////////////////////////											27.8	////////////////////////////////	
TOTALS		18.5	30.0	19.8	2.6	.7	.3						100.0	5.5	7.0
TOTAL NUMBER OF OBSERVATIONS 733															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	3.8	1.9	.3								6.8	8.0	8.0
020-040	.8	1.0	.7									2.5	6.4	6.5
050-070	2.1	5.5	.8		.3	.1						8.8	7.1	6.5
(E) 080-100	2.9	3.7	.3									6.8	5.4	5.0
110-130	1.5	1.0	.4	.1								3.0	5.7	4.5
140-160	1.1	1.0	.1									2.2	4.8	4.5
(S) 170-190	1.6	1.4	.1									3.2	4.7	4.0
200-220	1.6	2.2	1.0									4.8	6.1	6.0
230-250	1.2	3.4	2.1	.1	.1							7.0	7.8	8.0
(W) 260-280	1.2	4.9	4.2	1.4	.1		.1					12.1	9.5	9.0
290-310	1.0	5.3	9.0	1.4	.3	.3	.1					17.4	10.3	10.0
320-340	1.1	3.8	3.8	.4		.3						9.5	9.6	9.0
VARIABLE														
CALM	////////////////////											16.0	////////	
TOTALS	16.9	37.0	24.4	3.7	.8	.7	.2					100.0	6.8	8.0

TOTAL NUMBER OF OBSERVATIONS 730

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	2.1	1.8	.3								5.0	8.5	8.0
020-040	1.0	1.9	.6	.2								3.7	6.5	6.0
050-070	2.1	2.8	.6	.2								5.7	6.1	6.0
(E) 080-100	2.1	3.4	.6									6.2	5.8	6.0
110-130	1.3	2.3	.3									3.9	5.3	5.0
140-160	1.3	1.1	.3									2.8	5.2	5.0
(S) 170-190	2.3	1.5	.5									4.2	5.0	4.0
200-220	1.5	2.1	.2									3.7	5.7	6.0
230-250	1.9	5.4	2.4	.2	.2							10.1	7.5	8.0
(W) 260-280	1.5	4.5	4.4	.5	.5							11.4	9.1	9.0
290-310	1.6	4.7	8.4	1.6	.2	.6						17.2	10.3	10.0
320-340	.6	4.7	3.9	.8	.5							10.6	9.7	9.0
VARIABLE														
CALM	////////////////////////////////////											15.6	////////	
TOTALS	18.0	36.5	24.0	3.8	1.4	.6						100.0	6.7	8.0
TOTAL NUMBER OF OBSERVATIONS 616														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	2.4	1.3									5.5	6.1	6.0
020-040	2.9	1.6	.5									5.0	4.9	4.0
050-070	2.1	2.4	.3									4.7	5.1	5.0
(E) 080-100	1.8	2.4	.5									4.7	5.9	5.5
110-130	1.1	1.1	.3									2.4	5.6	6.0
140-160	.3		.3									.5	6.5	6.5
(S) 170-190	.5											.5	3.5	3.5
200-220	.5	.8	.5									1.8	7.0	8.0
230-250	.8	2.6	1.6									5.0	7.5	8.0
(W) 260-280	2.6	6.9	2.6	.5	.5							13.2	7.7	7.5
290-310	2.6	5.0	3.7	1.1	1.1							13.5	9.0	8.0
320-340	1.3	3.7	2.9	1.1	.3							9.2	9.1	8.0
VARIABLE														
CALM	////////////////////////////////////											33.8	////////////////////////////////	
TOTALS	18.3	28.9	14.5	2.7	1.9							100.0	4.9	7.0

TOTAL NUMBER OF OBSERVATIONS 379

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	3.7	2.0	.3								8.3	7.2	6.0
020-040	4.0	3.1	.9	.3								8.3	5.8	5.0
050-070	1.1	2.0	.9		.3							4.3	7.3	6.0
(E) 080-100	2.0	1.7										3.7	4.2	4.0
110-130	.6											.6	3.0	3.0
140-160														
(S) 170-190	.3											.3	2.0	2.0
200-220	.6	.6										1.1	5.0	5.0
230-250	2.3	3.1	.3									5.7	5.3	5.0
(W) 260-280	1.7	5.1	3.4	.3								10.6	7.9	8.0
290-310	2.3	3.1	4.0	1.4	.6							11.4	9.5	10.0
320-340	.6	4.6	1.4	.3								6.9	7.5	6.0
VARIABLE														
CALM	////////////////////											38.9	////////	
TOTALS	17.8	27.0	12.9	2.6	.9							100.0	4.4	6.0
TOTAL NUMBER OF OBSERVATIONS 350														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	2.8	1.7	.3								5.9	7.7	7.0
020-040	1.9	2.4	.7	.1								5.1	6.0	6.0
050-070	2.4	3.7	.9	.1	.2	.0						7.3	6.5	6.0
(E) 080-100	2.5	2.8	.4	.1								5.7	5.4	5.0
110-130	1.0	.9	.2	.1								2.2	5.5	5.0
140-160	.6	.5	.1									1.3	5.0	5.0
(S) 170-190	1.1	.7	.1									2.0	4.6	4.0
200-220	1.1	1.4	.5									3.0	6.0	6.0
230-250	1.7	3.3	1.6	.1	.1							6.7	7.1	7.0
(W) 260-280	1.7	4.4	3.8	.6	.3		.0					10.7	8.7	8.0
290-310	1.7	4.6	6.6	1.1	.3	.3	.0					14.7	9.8	10.0
320-340	.9	4.1	3.2	.6	.2	.1						9.1	9.3	9.0
VARIABLE														
CALM	////////////////////											26.1	////////	
TOTALS	17.8	31.6	19.8	3.1	1.1	.4						100.0	5.7	7.0

TOTAL NUMBER OF OBSERVATIONS 3143

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	1.0	.5									3.9	4.5	3.5
020-040	4.8	3.4	.2	.2								8.7	5.3	4.0
050-070	5.3	9.2	2.9	.5	1.2	.2						19.3	7.7	7.0
(E) 080-100	4.1	5.1	.7	.5								10.4	5.8	5.0
110-130	1.4	1.0	.7	.7								3.9	8.1	6.0
140-160	1.7	.2										1.9	3.3	3.5
(S) 170-190	1.2	.7										1.9	3.9	3.0
200-220	.5	.2	.2									1.0	6.0	5.5
230-250	1.2	.5										1.7	4.0	4.0
(W) 260-280	.7	.2	.2									1.2	5.2	4.0
290-310	.2	.5	.7	.2								1.7	9.3	10.0
320-340	.5	.7	.2									1.4	6.7	6.5
VARIABLE														
CALM	////////////////////////////////////											43.1	////////	
TOTALS	24.0	22.7	6.3	2.1	1.2	.2						100.0	3.6	5.0

TOTAL NUMBER OF OBSERVATIONS 415

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.9	2.0	5.0									13.9	6.4	5.0
020-040	4.0	1.0	1.0									5.9	4.8	3.0
050-070	2.0	5.0										6.9	5.4	5.0
(E) 080-100		1.0										1.0	6.0	6.0
110-130														
140-160	1.0											1.0	2.0	2.0
(S) 170-190														
200-220														
230-250	1.0			1.0								2.0	8.5	8.5
(W) 260-280		2.0	2.0	1.0								5.0	9.4	10.0
290-310	4.0	1.0	3.0	1.0								8.9	7.6	5.0
320-340	5.0	3.0	1.0	1.0								9.9	6.6	4.5
VARIABLE														
CALM	////////////////////////////////////											45.5	////////////////////////////////	
TOTALS	23.9	15.0	12.0	4.0								100.0	3.6	5.0

TOTAL NUMBER OF OBSERVATIONS 101

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	2.1	1.4									6.2	6.2	6.5
020-040	3.5	3.1	.7									7.3	4.9	5.0
050-070	7.3	4.2	1.7									13.1	5.1	4.0
(E) 080-100	2.8	1.4	1.7									5.9	6.2	5.0
110-130	1.0	.3										1.4	4.0	3.0
140-160														
(S) 170-190														
200-220	.3	.7	.7									1.7	7.4	9.0
230-250	2.8	1.7	.3									4.8	5.0	4.0
(W) 260-280	3.5	3.8	3.1	.7	.3							11.4	7.9	7.0
290-310	2.1	3.5	6.6									12.1	8.4	10.0
320-340	1.0	3.5	3.1									7.6	8.0	8.0
VARIABLE														
CALM	////////////////////////////////////											28.4	////////	
TOTALS	27.1	24.3	19.3	.7	.3							100.0	4.7	6.0

TOTAL NUMBER OF OBSERVATIONS 289

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	2.8	3.3	.7			.1					7.9	9.3	10.0
020-040	2.3	2.4	.8									5.5	5.9	5.0
050-070	4.0	4.8	1.7	.2								10.7	6.1	5.0
(E) 080-100	2.6	3.4	1.7									7.7	6.4	6.0
110-130	1.4	.8	.5									2.6	5.5	4.0
140-160	.9	.8										1.7	4.1	4.0
(S) 170-190	1.1	1.8	.2									3.2	5.2	5.0
200-220	1.5	1.8	.7									4.0	5.9	5.0
230-250	2.1	2.7	1.6									6.4	6.5	6.5
(W) 260-280	1.3	3.3	3.6	.8	.9	.1	.1					10.1	10.5	10.0
290-310	.9	5.1	6.0	1.5	.2							13.8	9.7	10.0
320-340	1.5	3.9	4.0	.8								10.1	8.8	9.0
VARIABLE														
CALM	////////////////////											16.3	////////	
TOTALS	20.5	33.6	24.1	4.0	1.1	.2	.1					100.0	6.5	7.0

TOTAL NUMBER OF OBSERVATIONS 878

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	2.0	3.3	1.0	.1							7.1	10.1	10.0
020-040	1.8	2.2	.5									4.4	6.0	6.0
050-070	1.7	3.2	1.6	.6								7.0	7.4	7.0
(E) 080-100	2.3	4.1	1.0									7.4	6.2	6.0
110-130	1.8	2.3	.2									4.3	5.1	5.0
140-160	1.5	1.2	.3									3.1	5.4	5.0
(S) 170-190	1.9	2.7	1.1									5.8	6.1	6.0
200-220	1.8	3.2	1.6	.1								6.7	6.8	7.0
230-250	1.1	3.3	2.4	.5								7.3	8.2	8.0
(W) 260-280	1.1	3.5	6.5	1.4	.7	.1	.1					13.4	10.9	10.0
290-310	.9	4.8	6.7	1.7	.3							14.4	10.3	10.0
320-340	1.6	3.6	3.7	.6	.3							9.9	9.2	8.0
VARIABLE														
CALM	////////////////////											9.3	////////	
TOTALS	18.2	36.1	28.9	5.9	1.4	.1	.1					100.0	7.6	8.0
TOTAL NUMBER OF OBSERVATIONS 882														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	2.8	1.5	.3								6.3	7.1	6.0
020-040	1.5	1.2	1.1									3.8	7.0	6.0
050-070	2.1	3.4	.8	.3	.1							6.7	6.5	5.5
(E) 080-100	1.6	3.9	1.1	.3								6.8	6.7	7.0
110-130	1.5	1.7	.3									3.5	5.3	5.0
140-160	1.1	2.0	.7									3.8	6.6	6.0
(S) 170-190	1.7	2.1	.5									4.4	5.8	5.0
200-220	1.9	4.6	1.7									8.2	6.8	7.0
230-250	1.1	2.9	2.1	.5	.1							6.8	8.5	8.0
(W) 260-280	1.5	4.2	4.6	1.9	.5	.4						13.0	10.6	10.0
290-310	1.7	6.0	7.2	1.9	.4			.1				17.4	9.9	10.0
320-340	1.5	4.3	3.4	.3	.5							9.9	8.6	8.0
VARIABLE														
CALM	////////////////////////////////////											9.4	////////	
TOTALS	18.9	39.1	25.0	5.5	1.6	.4		.1				100.0	7.4	8.0

TOTAL NUMBER OF OBSERVATIONS 746

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	1.9	1.7									6.3	6.0	5.0
020-040	3.2	2.1	1.5									6.8	6.0	5.0
050-070	3.0	1.1	.2	.4	.2							4.9	6.3	4.0
(E) 080-100	1.1	1.3	1.1									3.4	7.0	7.5
110-130	1.1	.4										1.5	4.1	4.0
140-160	3.0	.6	.2									3.8	3.9	3.0
(S) 170-190	1.1	1.9										3.0	5.1	5.5
200-220	1.5	1.1	.4									3.0	5.3	4.5
230-250	.4	2.5	1.1	.2								4.2	7.8	8.0
(W) 260-280	2.5	2.7	5.5	.8	.8	.2						12.7	9.6	10.0
290-310	3.4	5.1	4.4	1.5	.2							14.6	8.9	8.0
320-340	2.3	3.2	1.3									6.8	5.9	5.5
VARIABLE														
CALM	////////////////////////////////////											29.2	////////////////////////////////	
TOTALS	25.3	23.9	17.4	2.9	1.2	.2						100.0	5.1	6.0
TOTAL NUMBER OF OBSERVATIONS 473														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOT											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	3.8	2.7	.2								9.4	7.1	7.0
020-040	5.1	1.6	.9									7.6	4.7	4.0
050-070	2.7	2.0	.7									5.3	5.8	4.5
(E) 080-100	.7	1.8	.2									2.7	5.8	6.0
110-130	.7											.7	3.3	3.0
140-160		.7	.2									.9	7.3	7.0
(S) 170-190	.7	.7										1.3	4.0	4.0
200-220		.7										.7	6.7	6.0
230-250	1.1	.7	1.1									2.9	6.8	8.0
(W) 260-280	1.1	3.1	3.6	.7	.2							8.7	9.1	10.0
290-310	2.9	4.9	3.8	.7	.2							12.5	8.3	8.0
320-340	2.0	1.6	1.8	.7								6.0	7.7	6.0
VARIABLE														
CALM	////////////////////////////////////											41.4	////////////////////////////////	
TOTALS	19.7	21.6	15.0	2.3	.4							100.0	4.2	6.0

TOTAL NUMBER OF OBSERVATIONS 449

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		1.8	2.6	2.6	.5	.0	.0						7.4	8.1	8.0
020-040		2.6	2.0	.9									5.4	5.7	5.0
050-070		3.0	3.3	1.2	.3	.1							7.8	6.3	5.0
(E) 080-100		1.9	3.0	1.1	.1								6.0	6.4	6.0
110-130		1.3	1.1	.2									2.6	5.0	5.0
140-160		1.2	1.0	.3									2.4	5.3	5.0
(S) 170-190		1.3	1.8	.4									3.5	5.6	5.0
200-220		1.3	2.3	1.0	.0								4.6	6.5	6.0
230-250		1.4	2.5	1.6	.3	.0							5.8	7.5	8.0
(W) 260-280		1.5	3.4	4.6	1.1	.6	.2	.1					11.6	10.2	10.0
290-310		1.8	5.0	5.9	1.4	.3			.0				14.3	9.5	10.0
320-340		1.7	3.5	3.1	.5	.2							8.9	8.4	8.0
VARIABLE															
CALM		////////////////////////////////////										19.6	////////		
TOTALS		20.8	31.5	22.9	4.2	1.2	.2	.1					100.0	6.3	7.0

TOTAL NUMBER OF OBSERVATIONS 3818

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.2	.5	.7								1.4	8.0	8.0
020-040	6.8	3.6	1.1								11.5	5.1	4.0
050-070	7.2	10.1	7.7	2.5	.5						27.9	8.0	7.0
(E) 080-100	2.5	5.9	5.4	.5							14.2	8.2	8.0
110-130	3.6	2.0	.5								6.1	4.7	4.0
140-160		.5									.5	5.0	5.0
(S) 170-190	1.1										1.1	2.6	2.0
200-220	1.6	.5									2.0	3.7	3.0
230-250	.7	.7		.2							1.6	6.6	5.0
(W) 260-280	1.1	.7	.2	.2							2.3	6.3	4.5
290-310			.7	.5							1.1	13.4	14.0
320-340			.2								.2	11.0	11.0
VARIABLE													
CALM	////////////////////////////////////										30.2	////////////////////////////////	
TOTALS	24.8	24.5	16.5	3.9	.5						100.0	4.9	6.0

TOTAL NUMBER OF OBSERVATIONS 444

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0											2.0	4.0	4.0
020-040	4.1	6.1	2.0									12.2	6.3	6.0
050-070	4.1			2.0								6.1	9.0	4.0
(E) 080-100														
110-130		2.0										2.0	8.0	8.0
140-160														
(S) 170-190	2.0											2.0	2.0	2.0
200-220														
230-250	2.0	6.1										8.2	5.8	6.0
(W) 260-280		10.2	2.0									12.2	7.3	6.5
290-310		2.0										2.0	6.0	6.0
320-340		2.0	2.0									4.1	10.0	10.0
VARIABLE														
CALM	////////////////////////////////////											49.0	////////	
TOTALS	14.2	28.4	6.0	2.0								100.0	3.5	5.0
TOTAL NUMBER OF OBSERVATIONS 49														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	1.3	.5		.3							3.9	6.9	5.0
020-040	3.4	3.4	1.0									7.8	5.5	5.0
050-070	5.5	4.9	3.1	1.0								14.5	6.9	6.0
(E) 080-100	2.9	4.4	1.0									8.3	5.9	6.0
110-130														
140-160		.3										.3	7.0	7.0
(S) 170-190	.3											.3	2.0	2.0
200-220	1.0	.5										1.6	4.0	3.0
230-250	2.1	2.3	1.0									5.5	6.2	6.0
(W) 260-280	1.6	2.9	3.1	.3								7.8	8.0	7.5
290-310	.5	6.0	3.1	.8			.3					10.6	9.4	8.0
320-340	.3	2.6	1.3	.5								4.9	9.4	8.0
VARIABLE														
CALM	////////////////////////////////////											34.5	////////	
TOTALS	19.4	28.6	14.1	2.6	.6		.3					100.0	4.7	6.0

TOTAL NUMBER OF OBSERVATIONS 385

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	3.1	1.0	.2								4.9	8.0	8.0
020-040	1.2	3.8	1.4	.5								6.9	7.7	7.0
050-070	1.4	6.7	3.1	1.1								12.3	8.2	8.0
(E) 080-100	2.5	3.3	1.8	.1								7.8	6.6	6.0
110-130	1.3	.8	.2									2.4	4.8	4.0
140-160	1.9	.5										2.4	3.6	3.0
(S) 170-190	1.7	1.2										2.9	4.4	4.0
200-220	2.6	2.6	.6									5.9	5.1	5.0
230-250	2.5	2.5	1.9	.2								7.2	6.9	7.0
(W) 260-280	1.0	3.1	3.1	1.1	.4		.2					8.9	10.4	10.0
290-310	1.6	4.7	4.9	1.1	.2		.1					12.6	9.3	10.0
320-340	.6	4.1	3.7	.4	.1							8.9	8.9	8.0
VARIABLE														
CALM	////////////////////											17.1	////////	
TOTALS	18.9	36.4	21.7	4.7	.7		.3					100.0	6.5	7.0

TOTAL NUMBER OF OBSERVATIONS 836

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	2.3	1.3	.4								4.5	8.1	8.0
020-040	1.0	3.2	.7	.2								5.1	7.1	7.0
050-070	.7	4.7	3.0	.4								8.9	8.5	8.0
(E) 080-100	1.2	3.0	1.5	.1								5.8	7.3	7.0
110-130	1.8	1.3	.6									3.8	5.5	5.0
140-160	1.5	1.7	.1									3.3	4.9	5.0
(S) 170-190	2.2	2.6	1.2									6.0	5.9	6.0
200-220	.9	5.8	1.7	.1								9.6	6.8	6.0
230-250	1.7	3.4	1.9	.1	.2							7.4	7.6	8.0
(W) 260-280	1.0	4.1	4.5	2.1	.1	.1						11.9	10.4	10.0
290-310	1.8	5.5	6.9	1.2	.5							15.9	9.5	10.0
320-340	.5	4.6	2.8	.9	.4							9.1	9.3	8.0
VARIABLE														
CALM	// //////////////////////////////////////											8.7	////////	
TOTALS	15.8	42.2	26.2	5.5	1.2	.1						100.0	7.4	8.0

TOTAL NUMBER OF OBSERVATIONS 823

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	3.6	1.3									6.0	7.3	8.0
020-040	.3	3.0	.6									3.9	7.0	6.5
050-070	1.5	3.1	1.9	.7								7.3	7.7	7.0
(E) 080-100	1.2	2.7	1.0	.1		.1						5.2	7.5	6.0
110-130	.6	1.5	.3									2.4	6.4	6.0
140-160	1.6	1.5	1.2									4.3	6.1	5.0
(S) 170-190	1.9	3.3	1.0									6.3	6.2	6.0
200-220	1.6	4.5	1.9	.1								8.2	7.0	6.0
230-250	.7	5.1	2.5	.6								9.0	8.4	8.0
(W) 260-280	.7	5.4	5.4	.7	.6							12.9	9.6	10.0
290-310	.6	6.4	7.2	1.5	.4							16.2	9.9	10.0
320-340	1.3	5.4	2.4	.6	.1							9.9	8.0	7.0
VARIABLE														
CALM	////////////////////											8.2	////////	
TOTALS	13.0	45.5	26.7	4.3	1.1	.1						100.0	7.5	8.0

TOTAL NUMBER OF OBSERVATIONS 667

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	5.0	1.1	.7								8.9	6.9	6.0
020-040	1.7	3.3	.7									5.7	5.9	6.0
050-070	2.0	3.0	2.0	.7								7.6	8.0	8.0
(E) 080-100	.7	.7	.7									2.0	6.8	7.0
110-130	1.7	.4										2.2	3.6	3.0
140-160	2.6	2.0										4.6	4.3	4.0
(S) 170-190	1.7	.4										2.2	3.8	3.5
200-220	1.3	1.3	.2									2.8	4.5	5.0
230-250	2.4	4.1	1.1	.2								7.8	6.5	6.0
(W) 260-280	2.4	7.4	3.7									13.5	7.3	7.0
290-310	2.8	4.3	3.7	.9	.2							12.0	8.2	8.0
320-340	3.0	2.0	.9									5.9	5.6	4.0
VARIABLE														
CALM	////////////////////											25.0	////////	
TOTALS	24.5	33.9	14.1	2.5	.2							100.0	5.0	6.0

TOTAL NUMBER OF OBSERVATIONS 460

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.1	3.8	1.2		.2							7.3	6.7	6.0
020-040	3.5	2.8	1.6									8.0	5.9	6.0
050-070	1.9	3.1	2.8	.7								8.5	7.9	8.0
(E) 080-100	.7	1.6	.5									2.8	6.4	6.5
110-130	1.2	.7	.2									2.1	4.6	2.0
140-160	.9	.2										1.2	3.4	4.0
(S) 170-190														
200-220	.7	.7										1.4	5.2	5.0
230-250	2.1	3.3	.2	.2								5.9	5.9	6.0
(W) 260-280	3.3	4.0	1.2									8.5	6.0	6.0
290-310	2.3	4.0	2.6	.2								9.2	7.1	7.0
320-340	1.6	2.3	2.1									6.1	7.1	7.5
VARIABLE														
CALM	////////////////////////////////////										39.2	////////////////////////////////		
TOTALS	20.3	26.5	12.4	1.1	.2							100.0	4.0	6.0

TOTAL NUMBER OF OBSERVATIONS 426

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	3.1	1.1	.2	.1							5.7	7.3	7.0
020-040	1.6	3.3	1.0	.2								6.1	6.7	6.0
050-070	1.9	4.4	2.7	.8								9.7	8.0	7.0
(E) 080-100	1.5	2.7	1.2	.1		.0						5.5	6.8	6.0
110-130	1.2	.9	.3									2.4	5.2	5.0
140-160	1.5	1.1	.2									2.8	4.8	4.0
(S) 170-190	1.5	1.5	.5									3.5	5.5	5.0
200-220	1.7	3.0	.9	.1								5.7	6.2	6.0
230-250	1.9	3.5	1.6	.2	.1							7.3	7.2	7.0
(W) 260-280	1.4	4.5	3.7	.9	.2	.0	.1					10.8	9.1	8.0
290-310	1.6	5.2	5.1	1.0	.3		.1					13.2	9.2	9.0
320-340	1.1	3.8	2.4	.4	.2							7.9	8.4	8.0
VARIABLE														
CALM	////////////////////											19.4	////////	
TOTALS	18.1	37.0	20.7	3.9	.9		.2					100.0	6.2	7.0

TOTAL NUMBER OF OBSERVATIONS 3646

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.2	.3	.3								2.7	7.1	6.0
020-040	1.2	6.6	1.5	.6								9.9	7.4	6.0
050-070	5.7	16.7	13.7	4.2								40.3	8.9	8.0
(E) 080-100	2.4	5.7	2.7	.3								11.0	7.4	6.0
110-130	1.8	.3										2.1	3.1	3.0
140-160	.6											.6	3.0	3.0
(S) 170-190	.3	.6										.9	4.7	5.0
200-220	.3	.9										1.2	4.3	5.0
230-250	1.5	.6	.3									2.4	4.9	4.0
(W) 260-280	.9		.3		.3							1.5	8.8	4.0
290-310	.3	.6	.9	.3			.3					2.4	11.6	10.0
320-340		.6		.3	.9							1.8	14.5	18.0
VARIABLE														
CALM	////////////////////////////////////											23.3	////////	
TOTALS	15.9	33.8	19.7	6.0	1.2		.3					100.0	6.3	7.0

TOTAL NUMBER OF OBSERVATIONS 335

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.6	.7									2.9	6.6	6.0
020-040	2.0	3.5	.9									6.4	5.9	6.0
050-070	6.5	6.5	.9									14.0	5.0	5.0
(E) 080-100	3.3	1.8	.2									5.3	4.6	4.0
110-130	1.1											1.1	2.5	2.5
140-160	.7	.4										1.1	4.0	3.5
(S) 170-190	.9	.5										1.5	3.6	3.0
200-220	1.3	1.1										2.4	4.5	4.0
230-250	1.6	2.2										3.8	4.7	5.0
(W) 260-280	1.6	2.0	.7	.2								4.5	6.3	6.0
290-310	1.3	3.5	1.5	.5								6.7	7.8	7.0
320-340	1.6	2.5	1.6									5.8	6.8	7.0
VARIABLE														
CALM	////////////////////											44.5	////////	
TOTALS	22.4	25.6	6.5	.7								100.0	3.1	5.0

TOTAL NUMBER OF OBSERVATIONS 550

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.8	2.9	1.9									6.7	7.0	7.0
020-040	1.5	3.5	1.0									6.0	6.8	7.0
050-070	4.1	4.8	1.2	.1								10.2	5.9	5.0
(E) 080-100	2.8	2.7	.2									5.7	5.0	5.0
110-130	1.8	1.3	.1									3.3	4.5	4.0
140-160	1.8	1.8										3.7	4.5	4.5
(S) 170-190	2.7	.9	.2									3.8	4.1	4.0
200-220	3.5	3.7	.1									7.3	4.9	5.0
230-250	2.3	4.5	1.2									8.0	6.2	6.0
(W) 260-280	1.1	3.0	2.6	.1								6.8	8.0	8.0
290-310	.5	3.5	2.7	.5								7.2	8.8	8.0
320-340	2.2	4.6	2.3	.1								9.3	7.2	7.0
VARIABLE														
CALM	////////////////////////////////////										22.0	////////		
TOTALS	26.1	37.2	13.5	.8								100.0	4.9	6.0

TOTAL NUMBER OF OBSERVATIONS 821

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	2.9	2.0									6.0	7.4	8.0
020-040	1.1	2.8	1.8	.2								6.0	8.1	8.0
050-070	2.3	3.6	.7									6.6	5.9	6.0
(E) 080-100	2.3	2.7	.5									5.5	5.3	5.0
110-130	1.5	2.2	.2									3.9	5.5	6.0
140-160	1.6	1.8	.1									3.6	5.0	5.0
(S) 170-190	2.5	3.6	.5									6.5	5.5	5.0
200-220	2.3	6.7	1.6									10.7	6.4	6.0
230-250	2.0	6.3	3.6	.1								11.9	7.4	7.0
(W) 260-280	1.2	4.0	3.2	.4	.1							8.9	8.4	8.0
290-310	1.3	4.0	3.8	.9								10.0	8.7	8.5
320-340	.9	3.6	3.1	.1								7.6	8.2	8.0
VARIABLE														
CALM	////////////////////											12.7	////////	
TOTALS	20.1	44.2	21.1	1.7	.1							101.0	6.2	7.0

TOTAL NUMBER OF OBSERVATIONS 816

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	3.9	2.6	.2								7.4	8.0	8.0
020-040	1.4	3.2	1.1	.2								5.8	6.9	7.0
050-070	1.4	3.3	1.1		.2							6.0	7.0	6.0
(E) 080-100	1.6	1.8	.2									3.5	5.5	5.5
110-130	1.9	1.8	.2									3.9	5.1	4.5
140-160	1.9	2.6	.4									4.9	5.5	6.0
(S) 170-190	2.5	2.8	.4									5.6	5.2	5.0
200-220	3.9	6.3	1.8									11.9	6.1	6.0
230-250	2.8	6.1	2.6	.2								11.8	6.9	6.0
(W) 260-280	.7	2.8	1.8	.2								5.4	8.2	8.0
290-310	3.0	5.6	4.7	.9	.4							14.6	8.4	8.0
320-340	.9	3.7	1.8	.2								6.5	7.8	8.0
VARIABLE														
CALM	////////////////////////////////////											12.8	////////	
TOTALS	22.7	43.9	18.7	1.9	.6							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 570

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	5.4	.5	.5								10.6	5.9	6.0
020-040	3.1	4.0	.5									7.5	5.8	6.0
050-070	1.2	2.6	.2									4.0	6.2	6.0
(E) 080-100	.9	.9	.2									2.1	5.9	6.0
110-130	.5	1.2										1.6	4.9	5.0
140-160	2.6	.5	.2									3.3	3.6	3.5
(S) 170-190	2.1	2.6										4.7	5.0	5.0
200-220	3.1	1.2	.2									4.5	4.4	4.0
230-250	1.9	2.8	.9									5.6	5.9	5.0
(W) 260-280	3.1	3.3	2.4	.2								8.9	6.9	7.5
290-310	1.9	4.0	1.6	.5								8.0	6.8	6.0
320-340	2.1	1.2	.7									4.0	5.4	4.0
VARIABLE														
CALM	////////////////////////////////////											35.1	////////////////////////////////	
TOTALS	26.7	29.7	7.4	1.2								100.0	3.8	5.0

TOTAL NUMBER OF OBSERVATIONS 425

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.5	3.6	.8									7.3	5.5
020-040	2.0	4.5	.8									7.3	6.3
050-070	2.5	2.8	1.4									6.7	6.3
(E) 080-100		.8	.3									1.1	8.0
110-130	.3	.3										.6	4.5
140-160	.8											.8	3.0
(S) 170-190	.6	.8										1.4	5.2
200-220	.8		.3									1.1	5.3
230-250	.8	2.0	.3									3.1	6.0
(W) 260-280	1.1	2.5	.6									4.2	6.3
290-310	2.5	3.6	1.1									7.3	6.2
320-340	1.4	2.0	.8									4.2	6.5
VARIABLE													
CALM	////////////////////////////////////										54.9	////////////////////////////////	
TOTALS	15.6	22.9	6.4									100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 357

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	3.2	1.6	.1								6.6	6.8	6.0
020-040	1.7	3.4	1.1	.1								6.3	6.8	7.0
050-070	3.1	4.1	.9	.0	.0							8.2	5.8	5.0
(E) 080-100	2.1	2.0	.3									4.4	5.2	5.0
110-130	1.3	1.3	.1									2.7	4.9	5.0
140-160	1.6	1.4	.1									3.1	4.7	4.0
(S) 170-190	2.0	1.9	.2									4.2	4.9	5.0
200-220	2.6	3.7	.7									7.1	5.7	6.0
230-250	2.0	4.4	1.7	.1								8.1	6.6	6.0
(W) 260-280	1.4	3.1	2.1	.2	.0							6.7	7.7	8.0
290-310	1.6	4.0	2.8	.6	.1							9.1	8.1	8.0
320-340	1.5	3.2	1.9	.1								6.8	7.3	7.0
VARIABLE														
CALM	////////////////////											26.8	////////	
TOTALS	22.6	35.7	13.5	1.2	.1							100.0	4.8	6.0

TOTAL NUMBER OF OBSERVATIONS 3539

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.1	.9	.2								2.2	5.6	5.0
020-040	2.4	3.9	.6								6.9	6.3	6.0
050-070	11.0	13.1	2.6	.2							26.9	5.6	5.0
(E) 080-100	5.2	4.3	.9								10.3	5.2	4.5
110-130	3.0	1.3									4.3	4.3	4.0
140-160	1.1	.4									1.5	3.7	3.0
(S) 170-190	1.1	.6									1.7	3.6	2.0
200-220	1.5	1.3	.2								3.0	5.2	4.5
230-250	1.7	2.2	.2	.2							4.3	5.7	6.0
(W) 260-280	.6		.2								.9	5.0	3.0
290-310	.4	.2	.6	.2							1.5	8.0	10.0
320-340	.2										.2	4.0	4.0
VARIABLE													
CALM	////////////////////										36.3	////////	
TOTALS	29.3	28.2	5.5	.6							100.0	3.5	5.0

TOTAL NUMBER OF OBSERVATIONS 465

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	2.2	.7		.2							3.6	7.3	7.0
020-040	2.2	2.7										4.9	5.3	5.0
050-070	6.2	2.9	.2									9.3	4.2	4.0
(E) 080-100	2.6	1.5										4.0	4.0	4.0
110-130		.2										.2	5.0	5.0
140-160														
(S) 170-190	.7											.7	2.5	2.0
200-220	2.4	.7										3.1	3.8	4.0
230-250	4.0	.7	.2									4.9	3.6	3.0
(W) 260-280	2.4	3.3	.9									6.6	5.9	6.0
290-310	2.6	4.0	1.8									8.4	6.6	6.0
320-340	2.2	2.6	1.1	.2								6.0	6.5	6.0
VARIABLE														
CALM	////////////////////											48.0	////////	
TOTALS	26.0	20.8	4.9	.2	.2							100.0	2.7	5.0

TOTAL NUMBER OF OBSERVATIONS 548

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	3.3	1.6	.2								6.2	7.5	7.0
020-040	1.9	2.2	.2									4.4	5.2	5.0
050-070	2.1	3.3	.1									5.5	4.9	5.0
(E) 080-100	2.4	2.1										4.5	4.5	4.0
110-130	1.3	.9										2.2	4.6	4.0
140-160	2.1	.5										2.6	3.6	4.0
(S) 170-190	2.2	1.2										3.4	4.1	4.0
200-220	4.4	3.3	.5									8.1	5.1	4.0
230-250	4.0	4.7	1.2									10.0	5.9	5.0
(W) 260-280	1.8	3.6	1.8		.1							7.4	7.2	8.0
290-310	1.6	6.2	5.0	.1								12.9	8.2	8.0
320-340	1.0	4.6	2.4		.1							8.1	7.6	8.0
VARIABLE														
CALM	////////////////////////////////////											24.8	////////////////////////////////	
TOTALS	25.9	35.9	12.8	.3	.2							100.0	4.7	6.0

TOTAL NUMBER OF OBSERVATIONS 823

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	2.7	1.7	.1								6.2	7.2	7.0
020-040	.7	1.5	.5									2.7	5.9	6.0
050-070	2.3	2.8	.2									5.4	5.2	5.0
(E) 080-100	2.1	1.8										3.9	4.5	4.0
110-130	.5	1.2	.1									2.0	5.6	5.5
140-160	1.7	1.2	.1									3.1	5.0	4.0
(S) 170-190	2.0	2.9	.7									5.6	5.7	6.0
200-220	3.1	5.4	.9									9.3	5.7	6.0
230-250	3.1	7.6	2.0									12.6	6.6	6.0
(W) 260-280	1.1	6.6	3.3	.5								11.5	8.3	8.0
290-310	.9	6.7	5.8	.1	.2							13.7	8.9	8.0
320-340	1.2	5.6	2.7	.4								9.9	8.2	8.0
VARIABLE														
CALM	////////////////////////////////////											14.1	////////////////////////////////	
TOTALS	20.5	46.0	18.0	1.1	.2							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 817

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE REQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	4.5	2.0									7.6	7.3	7.5
020-040	1.1	.7	.4									2.2	5.8	4.5
050-070	1.1	2.7	.5									4.3	5.7	6.0
(E) 080-100	.9	1.6										2.5	5.1	5.0
110-130	.5	.5										1.1	5.0	5.0
140-160	1.4	1.3										2.7	4.7	4.0
(S) 170-190	2.2	2.2	.2									4.5	5.4	5.0
200-220	4.0	6.1	.7									10.8	5.7	6.0
230-250	3.3	6.5	1.4	.2								11.4	6.2	6.0
(W) 260-280	2.7	9.0	3.4	.4								15.6	7.5	7.5
290-310	2.5	5.6	4.3	.4								12.8	7.6	8.0
320-340	1.8	5.8	3.1									10.7	7.4	8.0
VARIABLE														
CALM	////////////////////////////////////											13.7	////////	
TOTALS	22.6	46.5	16.0	1.0								100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 553

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	5.6	.7									9.2	5.7	6.0
020-040	1.7	1.2	.2									3.2	5.0	4.0
050-070	1.0	2.2	.2									3.4	5.6	5.0
(E) 080-100	1.0	1.0	.2									2.2	5.0	6.0
110-130	.5	.2										.7	4.7	4.0
140-160	.7	.2										1.0	3.5	3.5
(S) 170-190	1.5	.7										2.2	3.6	3.0
200-220	1.9	1.0	.2									3.2	4.9	4.0
230-250	5.4	3.2										8.5	4.5	4.0
(W) 260-280	2.9	1.5	1.0									5.4	5.4	4.0
290-310	4.6	2.9	3.6									11.2	6.3	6.0
320-340	3.2	3.2	1.2	.2								7.8	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											42.1	////////	
TOTALS	27.3	22.9	7.3	.2								100.0	3.1	5.0

TOTAL NUMBER OF OBSERVATIONS 411

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUN HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	5.6	1.2									7.9	6.8	7.0
020-040	3.5	2.9	.9									7.4	5.0	5.0
050-070	2.1	1.5										3.5	4.0	3.5
(E) 080-100	1.2	1.8										2.9	5.4	5.0
110-130	.6											.6	4.0	4.0
140-160														
(S) 170-190														
200-220	.9	.6										1.5	4.0	3.0
230-250	2.1	.3										2.4	3.0	2.5
(W) 260-280	.9	1.2	.9									2.9	7.1	7.5
290-310	1.2	.9	2.6									4.7	8.1	10.0
320-340	.9	1.2	.9	.3								3.2	7.4	7.0
VARIABLE														
CALM	////////////////////////////////////											62.9	////////	
TOTALS	14.6	16.0	6.5	.3								100.0	2.2	6.0
TOTAL NUMBER OF OBSERVATIONS 340														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	3.7	1.4	.1	.0							6.6	7.0	6.0
020-040	1.7	1.8	.3									3.9	5.3	5.0
050-070	2.5	2.7	.2									5.4	4.9	5.0
(E) 080-100	1.8	1.7	.0									3.5	4.6	4.0
110-130	.7	.6	.0									1.3	5.0	4.5
140-160	1.2	.6	.0									1.9	4.4	4.0
(S) 170-190	1.6	1.4	.2									3.2	5.0	4.5
200-220	3.1	3.3	.5									6.8	5.3	5.0
230-250	3.6	4.4	1.0	.0								9.1	5.8	6.0
(W) 260-280	1.9	4.6	2.1	.2	.0							8.8	7.3	7.0
290-310	2.0	5.0	4.2	.1	.1							11.4	7.9	8.0
320-340	1.6	4.2	2.1	.2	.0							8.1	7.4	8.0
VARIABLE														
CAIM	////////////////////											29.9	////////	
TOTALS	23.1	34.0	12.0	.6	.1							100.0	4.4	6.0

TOTAL NUMBER OF OBSERVATIONS 3493

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 20 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010		.3									.3	6.0	6.0
020-040	3.4	1.2	.3								4.9	4.1	4.0
050-070	8.8	10.1	1.2								20.1	5.3	5.0
(E) 080-100	6.4	6.1	.3								12.8	4.5	4.5
110-130	1.2	1.2									2.4	4.6	4.5
140-160	.9										.9	3.7	4.0
(S) 170-190	1.2	.9									2.1	4.1	4.0
200-220	1.2	1.2									2.4	4.9	4.5
230-250	4.6	1.5	.3								6.4	4.0	4.0
(W) 260-280	1.2	.6	.6								2.4	5.9	5.0
290-310		.3	.3		.3						.9	12.3	10.0
320-340													
VARIABLE													
CALM	////////////////////////////////////										44.2	////////////////////////////////	
TOTALS	28.9	23.4	3.0		.3						100.0	2.7	4.0
TOTAL NUMBER OF OBSERVATIONS 328													

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														4.0
020-040														
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190														
200-220														
230-250														
(W) 260-280														
290-310														
320-340														
VARIABLE														
CALM	////////////////////											100.0	////////////////	
TOTALS													.0	6.0

TOTAL NUMBER OF OBSERVATIONS 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MJIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	2.0	.6									5.1	5.5	5.0
020-040	2.2	2.0	.2									4.4	4.5	4.5
00-070	5.1	1.7										6.8	3.9	4.0
(E) 080-100	1.8	.9	.2									2.9	4.4	4.0
110-130	.2	.2										.4	4.0	4.0
140-160	.4	.2										.6	4.7	4.0
(S) 170-190	.4											.4	2.5	2.5
200-220	2.0	.4										2.4	3.3	3.0
230-250	4.2	1.3	.2									5.7	3.7	3.0
(W) 260-280	3.1	.7	.2									4.0	4.0	4.0
290-310	.6	3.1	2.0									5.7	7.4	7.0
320-340	2.4	2.6	.4									5.3	5.3	5.0
VARIABLE														
CALM	////////////////////											56.3	////////	
TOTALS	25.0	15.1	3.8									100.0	2.1	4.0

TOTAL NUMBER OF OBSERVATIONS 544

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	4.4	1.2									7.9	6.1	6.0
020-040	2.7	2.5	.2									5.4	5.1	4.5
050-070	3.2	3.0	.4									6.5	5.0	5.0
(E) 080-100	2.5	1.5	.1									4.1	4.1	4.0
110-130	2.0	.4										2.3	3.5	3.0
140-160	1.5	.6										2.1	3.6	3.0
(S) 170-190	2.2	.7										3.0	3.8	4.0
200-220	4.1	2.8	.2									7.2	4.5	4.0
230-250	3.3	3.5	.6									7.4	5.5	5.0
(W) 260-280	3.2	4.4	1.0									8.6	5.6	6.0
290-310	2.2	5.7	2.1									10.0	6.7	6.0
320-340	2.8	5.3	1.7									9.9	6.5	6.0
VARIABLE														
CALM	////////////////////											25.6	////////	
TOTALS	31.9	34.8	7.5									100.0	4.0	5.0

TOTAL NUMBER OF OBSERVATIONS 811

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	2.9	1.0	.1								5.9	6.4	6.0
020-040	1.5	2.4	.4									4.2	5.7	5.5
050-070	2.7	2.1										4.8	4.5	4.0
(E) 080-100	.5	.9										1.4	5.3	5.0
110-130	1.6	1.1										2.7	4.5	4.0
140-160	3.1	1.6	.4									5.1	4.6	4.0
(S) 170-190	3.8	2.6	.2									6.7	4.8	4.0
200-220	3.3	4.7	.6									8.7	5.4	6.0
230-250	2.5	4.7	2.0									9.2	6.9	6.5
(W) 260-280	3.6	8.2	2.6	.2	.1							14.7	6.9	6.0
290-310	2.4	6.3	2.9									11.5	7.1	6.0
320-340	3.5	6.2	2.7									12.4	6.4	6.0
VARIABLE														
CALM	////////////////////											12.6	////////	
TOTALS	30.5	43.7	12.8	.3	.1							100.0	5.3	6.0

TOTAL NUMBER OF OBSERVATIONS 807

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MJTR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	4.0	1.3									8.3	6.0	6.0
020-040	2.2	2.0	.6									4.8	5.4	5.0
050-070	1.5	1.5										2.9	4.7	4.5
(E) 080-100	.7	1.1										1.8	5.3	5.0
110-130	1.5	1.3										2.8	4.1	4.0
140-160	2.9	1.5										4.4	3.8	4.0
(S) 170-190	2.6	3.1	.4									6.1	5.1	5.0
200-220	3.7	3.5	1.1									8.3	5.5	6.0
230-250	3.9	4.6	2.2									10.7	6.3	6.0
(W) 260-280	4.2	6.1	2.4	.2								12.9	6.5	6.0
290-310	3.1	8.3	3.5	.6								15.4	7.3	7.0
320-340	3.3	5.7	1.3	.2								10.5	6.2	6.0
VARIABLE														
CALM	////////////////////////////////////											11.2	////////	
TOTALS	32.5	42.7	12.8	1.0								100.0	5.3	6.0

TOTAL NUMBER OF OBSERVATIONS 544

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.0	1.5	1.3									5.8	5.3	4.0
020-040	2.5	1.0										3.6	3.8	4.0
050-070	.8	1.3										2.0	4.6	5.0
(E) 080-100	.8	.3										1.0	4.3	3.5
110-130	2.0	.5										2.5	3.4	3.5
140-160	1.8	.5										2.3	3.1	2.0
(S) 170-190	1.8	.3										2.0	3.5	3.5
200-220	2.3	.8										3.0	3.2	2.0
230-250	2.8	2.0	.5	.3								5.6	6.0	4.5
(W) 260-280	3.0	3.3	.8									7.1	5.6	5.5
290-310	4.8	6.3	1.5	.3								12.9	5.9	6.0
320-340	5.1	1.5	.5									7.1	4.0	3.0
VARIABLE														
CALM	////////////////////////////////////										44.9	////////////////////////////////		
TOTALS	30.7	19.3	4.6	.6								100.0	2.7	4.0
TOTAL NUMBER OF OBSERVATIONS 394														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	.9										2.4	4.1	4.0
020-040	1.8	1.2										3.0	4.2	4.0
050-070	.9	.3	.3									1.5	5.4	4.0
(E) 080-100	.3											.3	4.0	4.0
110-130	.3	.3										.6	4.5	4.5
140-160	.9											.9	2.3	2.0
(S) 170-190	.6											.6	2.0	2.0
200-220	.9											.9	2.7	2.0
230-250	1.8	1.2										3.0	4.6	4.0
(W) 260-280	1.8	2.7										4.4	4.9	6.0
290-310	2.1	5.3	.3									7.7	5.5	6.0
320-340	.6	2.4	.3									3.3	5.8	5.0
VARIABLE														
CALM	////////////////////////////////////											71.6	////////	
TOTALS	13.5	14.3	.9									100.0	1.4	5.0

TOTAL NUMBER OF OBSERVATIONS 338

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	2.9	1.0	.0								6.3	5.9	6.0
020-040	2.2	2.0	.3									4.4	5.0	5.0
050-070	2.6	1.9	.1									4.6	4.6	4.0
(E) 080-100	1.2	.9	.1									2.2	4.5	4.0
110-130	1.4	.7										2.0	4.0	4.0
140-160	1.9	.8	.1									2.8	4.0	4.0
(S) 170-190	2.2	1.3	.1									3.6	4.5	4.0
200-220	3.0	2.5	.4									5.8	4.9	4.0
230-250	3.1	3.2	1.0	.0								7.4	5.9	6.0
(W) 260-280	3.3	4.7	1.3	.1	.0							9.4	6.1	6.0
290-310	2.4	5.9	2.2	.1								10.6	6.8	6.0
320-340	3.0	4.4	1.4	.0								8.9	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											31.9	////////////////////////////////	
TOTALS	28.7	31.2	8.0	.2								100.0	3.8	5.0

TOTAL NUMBER OF OBSERVATIONS 3441

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.0	1.3									3.3	4.1	4.0
020-040	7.0	2.3									9.3	3.8	4.0
050-070	7.3	6.0									13.2	4.8	4.0
(E) 080-100	3.0	1.0									4.0	3.9	4.0
110-130	1.3	.3									1.7	2.8	2.0
140-160	1.7	.7									2.3	3.6	3.0
(S) 170-190	1.7	.3									2.0	3.5	3.0
200-220	3.3	1.7									5.0	3.6	3.0
230-250	3.0	2.6	.7	.3							6.6	5.8	5.0
(W) 260-280	.7	1.7	.7								3.0	6.4	6.0
290-310													
320-340		.3		.3							.7	10.5	10.5
VARIABLE													
CALM	////////////////////////////////////										49.0	////////////////////////////////	
TOTALS	31.0	18.2	1.4	.6							100.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 302

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	2.2		.2								3.8	5.7	6.0
020-040	4.8	2.2										7.0	4.0	4.0
050-070	5.3	4.3										9.6	4.3	4.0
(E) 080-100	2.9	.2										3.1	3.2	3.0
110-130	.5											.5	2.0	2.0
140-160	.3											.3	3.0	3.0
(S) 170-190	.5											.5	3.7	4.0
200-220	.9	.7										1.5	3.9	4.0
230-250	3.9	.5	.2									4.6	3.5	3.0
(W) 260-280	2.4	1.0	.2									3.6	4.7	4.0
290-310	1.2	1.9	.5	.3								3.9	7.0	6.0
320-340	.7	2.2	.3	.2								3.4	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											58.1	////////////////////////////////	
TOTALS	24.8	15.2	1.2	.7								100.0	1.9	4.0

TOTAL NUMBER OF OBSERVATIONS 585

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	1.7	1.1									4.2	6.8	8.0
020-040	3.0	3.6	.6									7.2	5.5	5.0
050-070	3.4	3.5	.2	.1								7.3	5.3	5.0
(E) 080-100	2.5	2.4										4.9	4.3	4.0
110-130	1.6	.7										2.3	3.8	4.0
140-160	2.5	1.0										3.5	4.0	4.0
(S) 170-190	3.4	1.3										4.7	3.8	4.0
200-220	3.3	1.8										5.1	4.0	4.0
230-250	4.3	2.7	.5									7.5	4.8	4.0
(W) 260-280	3.0	2.3	1.3									6.5	5.5	5.0
290-310	1.9	4.7	2.6									9.2	7.2	7.0
320-340	1.5	3.0	1.4	.1								5.9	7.0	7.0
VARIABLE														
CALM	////////////////////											31.7	////////	
TOTALS	31.8	28.7	7.7	.2								100.0	3.7	5.0

TOTAL NUMBER OF OBSERVATIONS 878

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	2.6	1.1									4.7	6.8	6.0
020-040	2.6	2.5	.3									5.5	5.4	5.0
050-070	2.2	1.8										4.0	4.7	4.0
(E) 080-100	1.6	2.6										4.2	5.1	5.0
110-130	1.6	1.4										3.0	4.9	4.0
140-160	2.2	3.1	.2									5.5	5.2	5.0
(S) 170-190	3.5	3.3	.1									7.0	6.8	4.0
200-220	4.2	5.4	.2									9.8	5.0	5.0
230-250	3.5	4.3	1.3									9.1	5.8	6.0
(W) 260-280	3.4	5.3	2.4	.1								11.2	6.4	6.0
290-310	1.7	5.6	2.9	.7	.1							11.0	8.0	8.0
320-340	1.3	4.7	1.9									7.9	7.1	7.0
VARIABLE														
CALM	////////////////////////////////////											17.1	////////////////////////////////	
TOTALS	28.7	42.6	10.4	.8	.1							100.0	5.0	6.0

TOTAL NUMBER OF OBSERVATIONS 875

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	4.3	1.2	.2								8.3	6.5	6.0
020-040	2.3	2.3	.2									4.8	4.4	5.0
050-070	1.5	2.0	.5									4.0	5.8	6.0
(E) 080-100	1.7	1.3	.3									3.3	5.3	4.5
110-130	1.2	1.0										2.2	4.7	4.0
140-160	2.8	2.2										5.0	4.7	4.0
(S) 170-190	5.0	4.5	.2									9.7	4.7	4.0
200-220	2.8	3.8										6.7	4.8	5.0
230-250	2.5	4.2	1.0									7.7	6.0	6.0
(W) 260-280	1.5	6.8	1.7									10.0	6.9	7.0
290-310	3.2	5.0	2.3	.2	.2							10.9	7.1	7.0
320-340	2.7	5.2	.7	.3								8.8	6.2	6.0
VARIABLE														
CALM	////////////////////											18.5	////////	
TOTALS	29.9	42.6	8.1	.7	.2							100.0	4.8	6.0

TOTAL NUMBER OF OBSERVATIONS 599

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	2.6	.2	.2								6.2	5.0	4.5
020-040	6.2	1.3										7.5	3.4	3.0
050-070	.7	1.1										1.8	4.8	5.0
(E) 080-100	1.1	1.1										2.2	4.7	4.5
110-130														
140-160	2.4											2.4	2.8	2.0
(S) 170-190	2.2	.4										2.6	3.0	2.5
200-220	1.5	.2										1.8	3.3	3.0
230-250	2.4	.9										3.3	4.0	4.0
(W) 260-280	4.0	3.1	.2									7.3	4.7	4.0
290-310	5.3	3.3	2.0									10.5	5.4	4.5
320-340	4.8	2.4	.7									7.9	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											46.6	////////////////////////////////	
TOTALS	33.7	16.4	3.1	.2								100.0	2.3	4.0
TOTAL NUMBER OF OBSERVATIONS 455														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	1.3										4.5	4.2	3.0
020-040	2.7	1.6										4.2	4.1	4.0
050-070	1.6	.8										2.4	4.2	4.0
(E) 080-100	.3	.3										.5	4.0	4.0
110-130	.5	.3										.8	3.7	3.0
140-160														
(S) 170-190														
200-220	.3	.3	.3									.8	7.0	8.0
230-250		.5										.5	5.5	5.5
(W) 260-280	1.1	.8										1.9	5.3	4.0
290-310	2.7	2.1	1.3									6.1	6.2	6.0
320-340	2.4	1.6										4.0	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											74.3	////////////////////////////////	
TOTALS	14.8	9.6	1.6									100.0	1.3	4.0

TOTAL NUMBER OF OBSERVATIONS 377

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: AUG HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		1.9	2.5	.7	.1								5.2	6.1	6.0
020-040		3.4	2.5	.2									6.1	4.7	4.0
050-070		2.6	2.4	.1	.0								5.2	4.9	4.5
(E) 080-100		1.8	1.6	.1									3.4	4.5	4.0
110-130		1.1	.7										1.7	4.3	4.0
140-160		1.9	1.3	.1									3.2	4.5	4.0
(S) 170-190		2.8	1.8	.1									4.6	4.4	4.0
200-220		2.5	2.4	.1									5.1	4.6	4.0
230-250		3.1	2.5	.6									6.3	5.2	4.5
(W) 260-280		2.7	3.4	1.2	.0								7.3	6.0	6.0
290-310		2.4	4.1	2.1	.2	.1							8.9	7.1	7.0
320-340		2.0	3.4	1.0	.1								6.5	6.4	6.0
VARIABLE															
CALM		////////////////////////////////////										36.4	////////////////////////////////		
TOTALS		28.2	28.6	6.3	.4	.1							100.0	3.5	5.0

TOTAL NUMBER OF OBSERVATIONS 3769

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.0	.2	.2	.5							2.0	7.8	5.5
020-040	4.7	3.0	1.0								8.6	5.1	4.0
050-070	4.9	4.9	.2								10.1	4.7	5.0
(E) 080-100	4.2	1.2									5.4	3.7	3.0
110-130	1.7	.2									2.0	3.3	3.0
140-160	2.5	.5									3.0	2.9	2.0
(S) 170-190	1.2	.5									1.7	4.6	4.0
200-220	3.2	1.2	.2								4.7	4.1	4.0
230-250	3.7	1.2									4.9	3.9	3.5
(W) 260-280	1.7	.5	.2								2.5	4.3	4.0
290-310	.2	.2									.5	5.5	5.5
320-340		.2									.2	6.0	6.0
VARIABLE													
CALM	////////////////////										54.4	////////	
TOTALS	29.0	13.8	1.8	.5							100.0	2.0	4.0

TOTAL NUMBER OF OBSERVATIONS 406

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	.9	1.3	.4	.2	.2							2.9	7.3	6.0	
020-040	2.9	2.6	.2									5.7	5.1	4.0	
050-070	3.9	3.9	.2									7.9	4.8	5.0	
(E) 080-100	1.3	.6										1.8	3.8	4.0	
110-130	.7											.7	2.8	2.5	
140-160	.2	.2										.4	3.5	3.5	
(S) 170-190	.2	.4										.6	5.0	5.0	
200-220	.9	.4	.2									1.5	4.6	3.5	
230-250	1.7	1.1										2.8	4.1	4.0	
(W) 260-280	2.4	.9	.6									3.9	5.1	4.0	
290-310	1.1	1.8	1.1									4.0	6.6	6.0	
320-340	.4	2.0	1.3	.2	.2							4.0	8.7	8.5	
VARIABLE															
CALM	////////////////////////////////////										63.8	////////////////////////////////			
TOTALS	16.6	15.2	4.0	.4	.4							100.0	2.0	5.0	
TOTAL NUMBER OF OBSERVATIONS 544															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	2.5	.7									5.0	6.0	6.0
020-040	3.2	3.2	1.2	.1								7.7	5.8	5.0
050-070	3.1	3.8	.5									7.4	5.3	5.0
(E) 080-100	3.4	3.1	.1									6.6	4.6	4.0
110-130	2.3	1.3										3.7	4.2	4.0
140-160	1.3	.4	.1									1.8	4.1	3.0
(S) 170-190	3.1	1.2										4.3	4.0	3.0
200-220	3.2	1.6	.2									5.0	4.4	4.0
230-250	2.8	3.7	1.0									7.5	5.8	6.0
(W) 260-280	1.1	2.6	1.5	.1	.1							5.4	7.5	6.5
290-310	1.3	3.7	.6	.2								5.9	6.7	6.0
320-340	2.2	2.8	1.8	.2								7.1	7.4	7.5
VARIABLE														
CALM	////////////////////////////////////											32.5	////////////////////////////////	
TOTALS	28.8	29.9	7.7	.6	.1							100.0	3.8	5.0

TOTAL NUMBER OF OBSERVATIONS 815

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	3.7	1.1									5.3	7.6	7.0
020-040	1.2	2.7	1.4									5.3	6.8	6.0
050-070	1.5	2.1	.5									4.1	5.6	5.0
(E) 080-100	2.2	1.5	.2									4.0	4.8	4.0
110-130	2.3	2.0										4.3	4.3	4.0
140-160	2.0	.6	.1									2.7	3.8	3.5
(S) 170-190	3.8	2.1	.2									6.2	4.5	4.0
200-220	3.5	4.0	.9									8.3	5.6	5.0
230-250	4.7	4.7	2.3	.1								11.9	6.3	6.0
(W) 260-280	2.5	5.1	3.3	.4								11.2	7.5	8.0
290-310	1.1	4.1	4.2									9.4	8.4	9.0
320-340	2.0	4.2	1.6									7.8	6.6	6.0
VARIABLE														
CALM	////////////////////											19.6	////////	
TOTALS	27.3	36.8	15.8	.5								100.0	5.1	6.0
TOTAL NUMBER OF OBSERVATIONS 810														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	2.5	1.8									6.9	6.0	5.0
020-040	2.5	1.6	.9									5.0	5.5	4.5
050-070	1.6	1.6	.7									3.9	5.5	5.0
(E) 080-100	1.2	.9										2.1	4.6	4.0
110-130	1.4	1.6										3.0	4.3	5.0
140-160	3.4	1.6										5.0	3.9	4.0
(S) 170-190	4.8	1.8										6.6	3.8	3.0
200-220	2.8	4.1	.5									7.5	5.8	6.0
230-250	4.1	5.0	2.1									11.2	6.4	6.0
(W) 260-280	2.8	7.7	2.3									12.8	6.8	6.0
290-310	2.0	3.6	2.3	.2								8.0	7.4	8.0
320-340	2.7	3.2	1.6									7.5	6.6	6.0
VARIABLE														
CALM	////////////////////											20.5	////////	
TOTALS	32.0	35.2	12.2	.2								100.0	4.7	6.0

TOTAL NUMBER OF OBSERVATIONS 562

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	2.6	1.2									7.9	5.1	4.0
020-040	2.3	1.6										4.0	4.5	3.0
050-070	1.6	.2	.5									2.3	4.9	3.5
(E) 080-100	.5	.2	.2									.9	5.3	4.0
110-130	.5	.2										.7	3.0	2.0
140-160	.9	.5	.2	.2								1.9	6.5	6.0
(S) 170-190	.2											.2	3.0	3.0
200-220	.7	.2										.9	4.0	3.5
230-250	2.8	1.6	.7									5.1	4.8	4.0
(W) 260-280	3.5	2.6	.7	.2								7.0	5.7	4.5
290-310	3.7	2.6	.7									7.0	5.3	4.0
320-340	3.0	1.4	.7									5.1	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											57.0	////////	
TOTALS	23.9	13.7	4.9	.4								100.0	2.2	4.0
TOTAL NUMBER OF OBSERVATIONS 430														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.1	2.2	.3									3.6	6.1	6.0
020-040	2.5	1.1										3.6	3.7	3.0
050-070	2.5	1.7	.6									4.7	5.2	4.0
(E) 080-100	.6	.8	.3									1.7	6.7	7.0
110-130														
140-160		.3	.3									.6	9.0	9.0
(S) 170-190														
200-220	.8											.8	3.0	3.0
230-250	1.1	.3										1.4	3.2	3.0
(W) 260-280	1.7	1.1	.3									3.0	5.3	4.0
290-310	1.4	3.0	1.4	.3								6.1	7.1	6.0
320-340	2.2	1.7	1.4	.3								5.5	6.3	5.5
VARIABLE														
CALM	////////////////////////////////////											69.0	////////	
TOTALS	13.9	12.2	4.6	5								100.0	1.8	5.0

TOTAL NUMBER OF OBSERVATIONS 361

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.7	2.6	.9	.0	.0							5.3	6.3
020-040	2.4	2.3	.8	.0								5.5	5.6
050-070	2.4	2.4	.5									5.3	5.2
(E) 080-100	1.8	1.4	.1									3.4	4.7
110-130	1.5	1.1										2.5	4.2
140-160	1.4	.6	.1	.0								2.2	4.3
(S) 170-190	2.4	1.1	.1									3.6	4.2
200-220	2.3	2.0	.4									4.7	5.2
230-250	3.1	3.1	1.2	.0								7.4	5.9
(W) 260-280	2.2	3.5	1.7	.1	.0							7.6	6.8
290-310	1.6	3.3	1.9	.1								6.9	7.2
320-340	2.0	2.8	1.5	.1	.0							6.4	6.8
VARIABLE													
CALM	////////////////////////////////////										39.2	////////////////////////////////	
TOTALS	24.8	26.2	9.2	.3								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 3522

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.0	.7										1.7	4.7	4.0
020-040	2.4	3.1	.7									6.2	5.5	6.0
050-070	8.1	5.5	1.2									14.8	4.8	4.0
(E) 080-100	3.3	1.2	.7									5.3	4.8	4.0
110-130	1.9	.7										2.6	3.7	4.0
140-160	1.0	.2	.7	.2								2.1	7.7	8.0
(S) 170-190	1.4	.5										1.9	3.8	3.5
200-220	2.9	1.0	.2									4.1	4.4	4.0
230-250	3.6	1.2	.5									5.3	4.6	4.0
(W) 260-280	.2		.2									.5	6.5	6.5
290-310	.5											.5	3.5	3.5
320-340		.2										.2	8.0	8.0
VARIABLE														
CALM	////////////////////////////////////											54.9	////////////////////////////////	
TOTALS	26.3	14.3	4.2	.2								100.0	2.2	4.0

TOTAL NUMBER OF OBSERVATIONS 419

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														4.0
020-040														
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190														
200-220														
230-250														
(W) 260-280	7.7											7.7	2.0	2.0
290-310														
320-340				7.7								7.7	18.0	18.0
VARIABLE														
CALM	////////////////////											84.6	////////	
TOTALS	7.7			7.7								100.0	1.5	10.0
TOTAL NUMBER OF OBSERVATIONS 13														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.2	.6									2.1	5.5	4.0
020-040	.7	2.1	.4									6.2	4.5	4.0
050-070	4.3	2.1	1.0	.2								7.5	5.1	4.0
(E) 080-100	1.0	.4	.2									1.5	4.8	4.0
110-130	.2											.2	2.0	2.0
140-160	.4											.4	3.0	3.0
(S) 170-190	.4											.4	2.5	2.5
200-220	1.4	.4										1.7	3.6	3.0
230-250	2.3	1.7										4.1	4.6	4.0
(W) 260-280	1.9	4.1	1.7	.2								7.9	7.1	6.0
290-310	1.9	3.1	1.5	.2								6.8	7.1	6.0
320-340	.4	2.3	.2		.2							3.1	7.4	6.5
VARIABLE														
CALM	////////////////////////////////////											58.0	////////	
TOTALS	19.3	16.4	5.6	.6	.2							100.0	2.4	5.0

TOTAL NUMBER OF OBSERVATIONS 517

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	1.1	1.6	1.0									3.6	6.8	6.5
020-040	4.5	3.9	.7									9.0	5.1	5.0
050-070	4.8	3.1	.8		.2							9.0	5.5	4.0
(E) 080-100	3.3	2.9	.5									6.6	5.1	5.0
110-130	1.0	.5										1.4	3.6	3.0
140-160	.8	.1										1.0	3.3	2.5
(S) 170-190	.8	.8										1.7	4.7	4.5
200-220	2.4	1.6	.7									4.7	5.2	4.0
230-250	2.1	4.1	2.5									8.7	7.0	7.0
(W) 260-280	1.6	4.0	2.4	.5								8.4	8.0	8.0
290-310	.7	4.6	3.5	.2								9.0	8.7	8.0
320-340	.8	3.3	.8	.2	.1							5.3	7.7	6.5
VARIABLE														
CALM	////////////////////////////////////											31.4	////////////////////////////////	
TOTALS	23.9	30.5	12.9	.9	.3							100.0	4.4	6.0

TOTAL NUMBER OF OBSERVATIONS 829

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.7	1.2	.1								4.6	6.7	6.0
020-040	2.7	2.8	.7	.1								6.3	5.7	5.5
050-070	2.3	3.7	.7									6.8	6.1	6.0
(E) 080-100	1.4	2.5	.4									4.3	5.6	6.0
110-130	1.8	1.2										3.0	4.3	4.0
140-160	2.4	1.2										3.6	4.0	4.0
(S) 170-190	1.9	1.2	.5									3.6	5.0	4.0
200-220	2.5	3.9	1.4									7.9	6.2	6.0
230-250	2.9	6.0	1.4	.4	.1							10.9	6.9	6.5
(W) 260-280	1.6	5.1	5.2	.5								12.3	8.6	8.0
290-310	.7	4.0	4.8	.6								10.1	9.1	10.0
320-340	1.8	2.8	2.3	.7								7.6	8.1	8.0
VARIABLE														
CALM	////////////////////////////////////											19.0	////////	
TOTALS	23.6	36.1	18.6	2.4	.1							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 828

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.8	3.4	.9									6.0	6.0
020-040	3.4	1.9										5.3	4.0
050-070	1.8	2.1	.5									4.4	5.8
(E) 080-100	2.5	1.2										3.7	4.0
110-130	1.9	.9										2.8	4.3
140-160	1.9	1.6										3.5	4.8
(S) 170-190	2.8	1.4	.4									4.6	4.6
200-220	1.8	3.9	.4									6.0	5.6
230-250	2.8	5.3	.9	.2								9.2	6.1
(W) 260-280	2.5	5.5	3.0	.9								11.9	7.9
290-310	1.6	5.0	4.2									10.8	7.9
320-340	2.3	3.7	1.6									7.6	6.6
VARIABLE													
CALM	////////////////////										24.1	////////	
TOTALS	27.1	35.9	11.9	1.1								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 565

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	1.5	.3	.3								5.0	5.3	4.0
020-040	4.3	.8										5.0	3.5	3.5
050-070	2.5	1.0	.5									4.0	4.9	3.0
(E) 080-100	.8	.8	.3									1.8	5.6	5.0
110-130	.8											.8	2.7	2.0
140-160	1.0											1.0	3.5	4.0
(S) 170-190	.5											.5	3.5	3.5
200-220	1.5											1.5	2.5	2.5
230-250	2.0	2.0	.3									4.3	4.9	5.0
(W) 260-280	4.0	5.0	.5									9.5	5.2	6.0
290-310	3.3	3.5	1.0	.5	.3							8.5	6.9	6.0
320-340	2.8	1.8	1.0									5.5	5.7	5.0
VARIABLE														
CALM	////////////////////											52.8	////////	
TOTALS	26.5	16.4	3.9	.8	.3							100.0	2.4	4.0
TOTAL NUMBER OF OBSERVATIONS 400														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.3	.3	.6								2.6	7.1	4.0
020-040	3.5	2.6	.3									6.3	4.8	4.0
050-070	1.7	2.3										4.0	4.8	5.0
(E) 080-100	1.2	1.2										2.3	5.1	5.0
110-130	.3											.3	2.0	2.0
140-160														
(S) 170-190	.3											.3	2.0	2.0
200-220	.6											.6	2.0	2.0
230-250	2.3	.6										2.9	3.5	3.5
(W) 260-280	3.2	2.0	.9									6.1	5.2	4.0
290-310	2.3	4.3	2.0									8.6	6.7	6.5
320-340	.6	1.2	.3	.3								2.3	7.6	6.0
VARIABLE														
CALM	////////////////////////////////////											63.7	////////////////////////////////	
TOTALS	17.4	14.5	3.8	.9								100.0	2.0	5.0

TOTAL NUMBER OF OBSERVATIONS 347

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.5	.8	.1								4.1	6.7	6.0
020-040	3.6	2.5	.4	.0								6.6	4.9	4.0
050-070	3.1	2.6	.7	.0	.1							6.4	5.5	5.0
(E) 080-100	1.9	1.7	.3									3.9	5.1	5.0
110-130	1.1	.5										1.7	4.0	4.0
140-160	1.3	.6										1.8	4.1	4.0
(S) 170-190	1.3	.7	.2									2.1	4.7	4.0
200-220	1.9	2.0	.6									4.4	5.4	5.0
230-250	2.4	3.8	1.1	.1	.0							7.5	6.3	6.0
(W) 260-280	2.2	4.4	2.7	.4								9.7	7.5	7.5
290-310	1.5	4.1	3.2	.3	.0							9.1	8.1	8.0
320-340	1.4	2.7	1.2	.3	.1							5.6	7.4	7.0
VARIABLE														
CALM	////////////////////////////////////											37.0	////////////////////////////////	
TOTALS	23.3	27.1	11.2	1.2	.2							100.0	4.0	6.0

TOTAL NUMBER OF OBSERVATIONS 3499

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3											1.3	2.6	3.0
020-040	5.5	3.5										9.1	4.3	3.5
050-070	7.3	4.5	1.0	.3	.5							13.6	6.0	4.0
(E) 080-100	3.3	1.3	.3									4.8	4.1	3.0
110-130	.3	.5										.8	4.0	5.0
140-160	.3	.3										.5	4.5	4.5
(S) 170-190	.3											.3	2.0	2.0
200-220	1.8		.3									2.0	3.5	3.0
230-250	1.3	2.3	.5									4.0	5.6	5.5
(W) 260-280	.5	.8										1.3	5.0	5.0
290-310	.8		.3									1.0	5.0	3.5
320-340	.5	.3										.8	4.3	3.0
VARIABLE														
CALM	////////////////////////////////////											60.7	////////	
TOTALS	23.2	13.5	2.4	.3	.5							100.0	1.9	4.0

TOTAL NUMBER OF OBSERVATIONS 397

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	3.8										5.1	6.5	7.0
020-040	3.8											3.8	3.0	3.0
050-070	3.8	5.1			1.3							10.3	7.1	5.5
(E) 080-100	1.3	1.3										2.6	6.0	6.0
110-130														
140-160														
(S) 170-190														
200-220		1.3										1.3	6.0	6.0
230-250		1.3	1.3	1.3								3.8	11.0	12.0
(W) 260-280	1.3	7.7	1.3									10.3	7.8	8.0
290-310	1.3	3.8	1.3									6.4	7.0	7.0
320-340		2.6	1.3									3.8	9.0	9.0
VARIABLE														
CALM	////////////////////////////////////											52.6	////////////////////////////////	
TOTALS	12.8	26.9	5.2	1.3	1.3							100.0	3.4	7.0

TOTAL NUMBER OF OBSERVATIONS 78

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN G3P/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.2	.4									2.0	7.2	7.0
020-040	1.6	1.6	.8									4.0	5.7	6.0
050-070	4.4	6.0	.8									11.1	5.5	5.5
(E) 080-100	1.6		1.2									2.8	6.7	4.0
110-130														
140-160														
(S) 170-190	1.2											1.2	2.3	2.0
200-220	1.2	.4										1.6	3.3	3.5
230-250	1.2	2.0	1.2	.4								4.8	7.4	6.0
(W) 260-280	1.2	4.8	4.0	.4								10.3	7.9	7.5
290-310	1.2	4.0	2.8	1.2								9.1	8.5	8.0
320-340	.4	1.6	1.6		.4							4.0	9.5	9.0
VARIABLE														
CALM	////////////////////////////////////											49.2	////////	
TOTALS	14.4	21.6	12.8	2.0	.4							100.0	3.6	6.0

TOTAL NUMBER OF OBSERVATIONS 252

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.9	1.3									3.0	7.4	8.0
020-040	2.5	2.8	.1		.1							5.6	5.2	5.0
050-070	3.8	4.4	2.2	.3								10.7	6.5	6.0
(E) 080-100	1.6	2.2	.4									4.2	5.8	6.0
110-130	.8	.1	.1									1.1	4.0	3.5
140-160	.5	.7										1.2	5.6	6.0
(S) 170-190	.7	.4										1.1	4.0	4.0
200-220	1.7	1.9										3.6	4.9	5.0
230-250	1.1	3.3	1.3	.1	.1							6.0	7.2	6.0
(W) 260-280	.9	4.8	4.5	.5	.1							10.8	9.0	9.0
290-310	1.2	3.4	3.8	1.1	.1							9.7	9.5	10.0
320-340	1.5	2.5	3.6	.3	.3	.1						8.2	9.0	10.0
VARIABLE														
CALM	////////////////////////////////////											34.9	////////////////////////////////	
TOTALS	17.1	27.4	17.3	2.3	.7	.1						100.0	4.8	7.0

TOTAL NUMBER OF OBSERVATIONS 756

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	2.8	.8	.3								5.0	7.0	7.5
020-040	2.1	2.0										4.1	4.5	4.0
050-070	2.5	4.6	2.0									9.1	6.6	6.0
(E) 080-100	2.1	1.7	.5	.3								4.6	6.2	6.0
110-130	.7	.5	.3									1.5	5.3	5.0
140-160	1.7	1.6	.1									3.4	5.1	4.5
(S) 170-190	1.6	.8	.5									2.9	5.4	4.0
200-220	2.4	3.0	1.3									6.7	6.2	6.0
230-250	2.4	4.6	1.7	.4	.3							9.4	7.4	6.0
(W) 260-280	1.2	4.6	4.8	.9								11.5	9.2	9.0
290-310	1.3	4.6	5.8	2.0	.3	.3						14.3	10.0	10.0
320-340	.8	2.5	2.6	.7	.3							6.9	9.6	10.0
VARIABLE														
CALM	////////////////////////////////////											20.6	////////////////////////////////	
TOTALS	20.0	33.3	20.4	4.6	.9	.3						100.0	6.1	7.0
TOTAL NUMBER OF OBSERVATIONS 757														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1	1.4	.8									3.3	6.5	6.0
020-040	2.2	1.6	.6									4.5	5.4	4.5
050-070	2.2	2.4	1.8	.3								6.7	7.3	6.0
(E) 080-100	1.4	1.4	.3									3.2	5.2	5.0
110-130	.6	.6	.3									1.6	5.9	5.0
140-160	1.3	1.1	.3									2.7	5.2	5.0
(S) 170-190	1.1	1.3	.3									2.7	5.0	5.0
200-220	3.5	2.4	.3									6.2	4.4	4.0
230-250	2.1	4.1	1.8	.3								8.3	7.4	7.0
(W) 260-280	3.0	4.8	4.8	.6	.3							13.6	8.4	8.0
290-310	.5	5.4	4.9	2.1	.5							13.4	10.2	10.0
320-340	1.0	2.9	1.9	.2	.3							6.2	8.4	8.0
VARIABLE														
CALM	////////////////////////////////////											27.6	////////////////////////////////	
TOTALS	20.0	29.4	18.1	3.5	1.1							100.0	5.4	6.5

TOTAL NUMBER OF OBSERVATIONS 627

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	1.6	.3									5.2	4.7	4.0
020-040	3.3	1.1										4.4	3.8	3.5
050-070	1.1	1.9	1.9									4.9	7.4	6.5
(E) 080-100	.8	1.1	.3									2.2	5.5	5.0
110-130	.3	.5										.8	4.3	5.0
140-160		.3	.3									.5	7.5	7.5
(S) 170-190	.5											.5	3.0	3.0
200-220	1.6	.8										2.5	3.8	4.0
230-250	2.2	4.4	1.1									7.7	6.4	6.0
(W) 260-280	2.2	3.6	3.6	.3	.3							9.9	8.2	8.0
290-310	.8	1.9	4.1	1.1	.3							8.2	10.1	10.0
320-340	1.4	3.6	1.1	.3								6.3	7.3	8.0
VARIABLE														
CALM	////////////////////											46.8	////////	
TOTALS	17.5	20.8	12.7	1.7	.6							100.0	3.7	6.0
TOTAL NUMBER OF OBSERVATIONS 365														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.9	1.5	.6									5.0	5.0	4.0
020-040	3.8	3.2	.3									7.3	4.8	4.0
050-070	2.1	2.9	.3	.3	.3							5.9	6.6	6.0
(E) 080-100	.3		.3									.6	6.5	6.5
110-130														
140-160	.6											.6	3.5	3.5
(S) 170-190	.3	.6										.9	4.7	5.0
200-220	1.2	.6										1.8	3.7	3.5
230-250	2.6	4.1	1.2									7.9	6.1	6.0
(W) 260-280	1.2	3.5	3.5	.9								9.1	8.7	9.0
290-310	.9	4.1	3.5	.9	.3							9.7	9.3	9.0
320-340	.3	1.8	.6	.3								2.9	8.0	6.0
VARIABLE														
CALM	////////////////////////////////////										48.4	////////////////////////////////		
TOTALS	16.2	22.3	10.3	2.4	.6							100.0	3.6	6.0

TOTAL NUMBER OF OBSERVATIONS 341

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	1.7	.8	.1								4.0	6.4	6.0
020-040	2.6	2.0	.3		.0							4.9	4.9	4.0
050-070	2.7	3.7	1.7	.2	.1							8.4	6.6	6.0
(E) 080-100	1.4	1.4	.4	.1								3.3	5.9	5.0
110-130	.5	.3	.2									1.0	5.1	4.5
140-160	.9	.8	.1									1.8	5.2	5.0
(S) 170-190	.9	.6	.2									1.7	4.8	4.0
200-220	2.1	1.9	.4									4.3	5.1	5.0
230-250	1.9	3.8	1.4	.3	.1							7.5	7.2	6.0
(W) 260-280	1.6	4.5	4.3	.6	.1							11.2	8.7	9.0
290-310	1.0	4.1	4.4	1.4	.3	.1						11.2	9.8	10.0
320-340	.9	2.6	2.2	.3	.2	.0						6.3	8.8	8.0
VARIABLE														
CALM	////////////////////////////////////											34.4	////////////////////////////////	
TOTALS	17.9	27.4	16.4	3.0	.8	.1						100.0	4.8	7.0

TOTAL NUMBER OF OBSERVATIONS 3176

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.3	1.4	.2								4.0	4.9	4.0
020-040	5.2	3.7	.5		.2						9.6	5.0	4.0
050-070	7.0	10.1	7.3	.9	.5						25.8	7.6	7.0
(E) 080-100	1.9	4.4	1.4	.5							8.2	7.2	7.0
110-130	.2		.2								.5	6.0	6.0
140-160	1.2	.5									1.6	4.1	3.0
(S) 170-190	.9	.9	.2								2.1	5.4	5.0
200-220	2.1	1.4									3.5	4.5	4.0
230-250	2.3	.7		.2							3.3	4.4	3.0
(W) 260-280	.7	.2	.7	.2							1.9	7.6	8.5
290-310	.2		.2	.2							.7	10.3	12.0
320-340	.7	.5	.2								1.4	6.3	5.5
VARIABLE													
CALM	////////////////////////////////////										37.5	////////////////////////////////	
TOTALS	24.7	23.8	10.9	2.0	.7						100.0	4.0	6.0

TOTAL NUMBER OF OBSERVATIONS 427

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6		1.6									3.2	7.0	7.0
020-040	3.2	8.1										11.3	5.0	5.0
050-070	1.6		1.6									3.2	7.5	7.5
(E) 080-100														
110-130														
140-160														
(S) 170-190														
200-220	1.6											1.6	4.0	4.0
230-250	4.8	1.6										6.5	4.3	3.0
(W) 260-280	1.6	1.6	3.2	3.2	1.6							11.3	12.1	12.0
290-310	1.6	4.8	1.6									8.1	7.2	9.0
320-340	3.2		1.6									4.8	6.7	4.0
VARIABLE														
CALM	////////////////////											50.0	////////	
TOTALS	19.2	16.1	9.6	3.2	1.6							100.0	3.6	6.0
TOTAL NUMBER OF OBSERVATIONS 62														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	.8	.4									3.0	4.8	3.5
020-040	2.7	1.9	.4									4.9	4.7	3.0
050-070	2.3	3.4	.8									6.4	5.6	6.0
(E) 080-100	1.1	1.1										2.3	4.3	4.5
110-130	.4											.4	4.0	4.0
140-160														
(S) 170-190		.4										.4	6.0	6.0
200-220	1.1											1.1	2.3	2.0
230-250	2.7	1.5			.4							4.5	4.8	3.0
(W) 260-280	5.7	2.7	4.5	.4	.4							13.6	7.1	7.5
290-310	1.9	4.9	2.7	.8		.4						10.6	9.0	8.0
320-340	1.1	1.1	1.9	.8								4.9	9.5	10.0
VARIABLE														
CALM	////////////////////////////////////											47.7	////////////////////////////////	
TOTALS	20.9	17.8	10.7	2.0	.8	.4						100.0	3.5	6.0

TOTAL NUMBER OF OBSERVATIONS 264

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.8	2.0	.9	.1								3.8	7.5	8.0
020-040	2.5	2.0	.4									4.9	4.9	4.0
050-070	3.0	3.3	.9	.1								7.3	5.8	5.0
(E) 080-100	2.8	1.6	.4									4.8	4.4	4.0
110-130	.3	.3	.1									.6	6.0	8.0
140-160	.5	.4										.9	4.3	4.0
(S) 170-190	.4	.3										.6	3.8	2.0
200-220	1.5	.9										2.4	4.4	4.0
230-250	3.4	4.0	.8	.1	.1							8.5	6.2	6.0
(W) 260-280	1.8	4.8	6.1	.5	.8							13.9	9.2	10.0
290-310	.8	3.5	5.3	.9	.3	.1						10.9	9.9	10.0
320-340	1.3	3.7	2.5	.1								7.6	7.8	7.0
VARIABLE														
CALM	////////////////////////////////////										33.8	////////////////////////////////		
TOTALS	19.1	26.8	17.4	1.8	1.2	.1						100.0	4.8	7.0

TOTAL NUMBER OF OBSERVATIONS 791

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.3	1.5									3.7	7.3	8.0
020-040	2.1	1.2	.1									3.4	4.1	3.5
050-070	3.6	3.6	1.7									8.9	5.9	5.0
(E) 080-100	.8	1.4	.5									2.7	6.3	5.0
110-130	1.2	.6										1.8	4.3	3.5
140-160	.8	.3										1.0	3.8	3.5
(S) 170-190	2.1	1.0										3.1	3.9	3.0
200-220	2.1	3.6	1.0									6.7	6.0	5.0
230-250	3.0	3.7	3.0	.3								9.9	7.2	6.0
(W) 260-280	1.4	5.3	6.6	1.0	.6							15.0	9.8	10.0
290-310	.5	5.4	7.5	1.2	.4							15.0	10.0	10.0
320-340	.8	2.7	2.8	.9	.4							7.6	9.7	10.0
VARIABLE														
CALM	////////////////////////////////////											21.2	////////	
TOTALS	19.3	30.1	24.7	3.4	1.4							100.0	6.2	8.0

TOTAL NUMBER OF OBSERVATIONS 775

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MJIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	3.3	.5									4.6	6.6	7.0
020-040	1.7	1.0										2.6	4.4	4.0
050-070	3.1	2.6	.2	.8								6.8	5.9	5.0
(E) 080-100	1.5	2.0	.7									4.1	6.0	6.0
110-130	1.2	.5										1.7	3.4	3.5
140-160	1.8	.3										2.1	3.6	4.0
(S) 170-190	1.2	1.7										2.8	4.6	5.0
200-220	3.5	1.7	.7									5.8	4.7	4.0
230-250	1.7	5.8	2.1	.2	.3							10.1	7.7	7.0
(W) 260-280	3.3	6.1	5.0	1.2	.3							15.8	8.4	8.0
290-310	2.1	5.1	5.3	1.5	.2							14.2	9.0	9.0
320-340	1.2	3.3	2.6	.2								7.3	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////											22.1	////////	
TOTALS	23.1	33.4	17.1	3.9	.8							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 606

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	2.0	.3									4.3	5.5	6.0
020-040	3.0	3.0										6.0	4.6	4.5
050-070	1.3	3.0	.7	.3								5.3	7.1	6.0
(E) 080-100	.3	.3	.3									1.0	7.3	6.0
110-130	.7	.3										1.0	3.3	2.0
140-160	.7											.7	3.0	3.0
(S) 170-190														
200-220	.7	.3										1.0	4.7	4.0
230-250	2.7	2.7	1.3	.3	.3							7.3	6.9	5.5
(W) 260-280	4.3	4.3	3.0	.3								12.0	7.1	6.0
290-310	2.0	3.3	4.7									10.0	8.3	8.0
320-340	1.7	3.3	1.7	.3								7.0	7.6	8.0
VARIABLE														
CALM	////////////////////////////////////											44.3	////////////////////////////////	
TOTALS	19.4	22.5	12.0	1.2	.3							100.0	3.8	6.0

TOTAL NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	.4	1.2									4.7	4.8	3.0
020-040	2.7	3.1										5.8	4.5	5.0
050-070	1.2	2.7	.8									4.7	6.8	6.5
(E) 080-100														
110-130														
140-160	.4											.4	2.0	2.0
(S) 170-190	.4	.4										.8	3.5	3.5
200-220	1.6		.4									1.9	4.0	3.0
230-250	3.5	2.3	.8	.4	.8							7.8	7.1	5.5
(W) 260-280	3.5	3.9	3.9	.4	.4							12.0	8.0	8.0
290-310	1.2	1.9	5.4	.8								9.3	9.2	10.0
320-340		3.5	2.3	.4								6.2	9.4	8.5
VARIABLE														
CALM	////////////////////											46.5	////////	
TOTALS	17.6	18.2	14.8	2.0	1.2							100.0	3.9	7.0
TOTAL NUMBER OF OBSERVATIONS 258														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		1.2	1.8	.9	.0								4.0	6.6	6.0
020-040		2.3	1.9	.2									4.4	4.6	4.0
050-070		2.8	3.1	.9	.2								7.0	6.0	5.0
(E) 080-100		1.3	1.3	.4									3.0	5.4	5.0
110-130		.7	.4	.0									1.1	4.2	4.0
140-160		.8	.2										1.0	3.7	4.0
(S) 170-190		.9	.7										1.6	4.2	4.0
200-220		1.9	1.5	.4									3.9	5.1	4.5
230-250		2.8	3.8	1.6	.2	.2							8.6	6.9	6.0
(W) 260-280		2.7	4.8	5.3	.8	.5							14.1	8.8	9.0
290-310		1.2	4.3	5.5	.9	.2	.1						12.3	9.5	10.0
320-340		1.1	3.0	2.5	.4	.1							7.1	8.6	8.0
VARIABLE															
CALM		////////////////////////////////////										31.9	////////////////////////////////		
TOTALS		19.7	26.8	17.7	2.5	1.0	.1						100.0	5.0	7.0

TOTAL NUMBER OF OBSERVATIONS 3056

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.6	.3									2.6	4.4	3.0
020-040	6.6	3.5										10.1	4.0	3.0
050-070	9.0	10.4	4.9	1.7								26.0	6.9	6.0
(E) 080-100	4.3	2.0	.3									6.6	4.2	4.0
110-130	.9	.9	.3									2.0	6.0	5.0
140-160	.9											.9	3.0	3.0
(S) 170-190	.3	.3										.6	4.0	4.0
200-220	1.4	.3										1.7	3.0	2.5
230-250	2.9	.6	.3									3.8	3.6	3.0
(W) 260-280	.3	.3	1.2									1.7	9.8	10.0
290-310	.3	.6	.3									1.2	7.3	6.0
320-340	.6	.6	.3									1.4	6.2	8.0
VARIABLE														
CALM	////////////////////////////////////											41.3	////////	
TOTALS	29.2	20.1	7.9	1.7								100.0	3.3	5.0

TOTAL NUMBER OF OBSERVATIONS 346

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	2.5	1.2	.1	.0	.0						5.4	6.9	6.0
020-040	2.4	2.4	.6	.0	.0							5.4	5.5	5.0
050-070	2.6	3.1	.8	.1	.0	.0						6.7	6.0	5.0
(E) 080-100	1.7	1.8	.4	.0		.0						3.9	5.4	5.0
110-130	1.0	.7	.1	.0								1.9	4.7	4.0
140-160	1.3	.8	.1	.0								2.1	4.6	4.0
(S) 170-190	1.6	1.2	.2									3.0	4.8	4.0
200-220	2.1	2.3	.5	.0								4.9	5.5	5.0
230-250	2.4	3.5	1.3	.1	.0							7.4	6.5	6.0
(W) 260-280	2.1	4.3	3.2	.5	.2	.0	.0					10.2	8.2	8.0
290-310	1.7	4.6	4.2	.7	.2	.0	.0	.0				11.5	8.7	8.0
320-340	1.5	3.3	2.0	.3	.1	.0						7.2	7.8	8.0
VARIABLE														
CALM	////////////////////////////////////											30.3	////////////////////////////////	
TOTALS	21.9	30.5	14.6	1.8	.5							100.0	4.8	6.0

TOTAL NUMBER OF OBSERVATIONS: 41508

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.7	2	.1								2.2	5.2	4.0
020-040	4.8	3.5	.6	.1	.0							9.0	5.1	4.0
050-070	7.2	9.1	3.7	.8	.2	.0						21.1	6.8	6.0
(E) 080-100	3.6	3.4	1.1	.2								8.3	5.8	5.0
110-130	1.6	.8	.2	.1								2.5	4.8	4.0
140-160	1.0	.3	.1	.0								1.4	4.0	3.0
(S) 170-190	1.0	.5	.0									1.4	4.0	4.0
200-220	1.7	.8	.1									2.6	4.2	4.0
230-250	2.4	1.2	.2	.1								4.0	4.7	4.0
(W) 260-280	.8	.4	.4	.0	.0							1.7	6.3	5.0
290-310	.3	.2	.3	.2	.0		.0					1.1	9.3	10.0
320-340	.2	.3	.1	.0	.1							.7	8.1	7.5
VARIABLE														
CALM	////////////////////////////////////											44.0	////////////////////////////////	
TOTALS	25.9	21.2	7.0	1.6	.3							100.0	3.3	5.0

TOTAL NUMBER OF OBSERVATIONS: 4624

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PPPPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTTT	DDDDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
FP FP	AA AA	RR RR	TT	DD DD
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	DD DD
PPPPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	DD DD
FP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
FP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
				DDDDDDDD
				DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.9	48.9	51.1	52.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 20000	52.2	53.3	55.6	56.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000	52.2	53.3	55.6	56.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 16000	53.3	54.4	56.7	57.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 14000	54.4	55.6	57.8	58.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	54.4	55.6	57.8	58.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 10000	61.1	62.2	65.6	66.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 9000	61.1	62.2	65.6	66.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 8000	61.1	62.2	65.6	66.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 7000	62.2	63.3	66.7	67.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 6000	62.2	63.3	67.8	70.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 5000	65.6	66.7	71.1	73.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	66.7	67.8	72.2	74.4	75.6	75.6	75.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4000	71.1	72.2	76.7	78.9	81.1	81.1	81.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	74.4	75.6	80.0	82.2	85.6	85.6	85.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 3000	80.0	81.1	85.6	87.8	92.2	92.2	92.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2500	80.0	81.1	85.6	87.8	92.2	92.2	92.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2000	81.1	82.2	86.7	88.9	93.3	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	81.1	82.2	86.7	88.9	93.3	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1500	82.2	83.3	87.8	90.0	94.4	94.4	94.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200	82.2	83.3	87.8	90.0	94.4	94.4	95.6	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	82.2	83.3	87.8	90.0	94.4	94.4	95.6	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	82.2	83.3	87.8	90.0	94.4	94.4	95.6	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	82.2	83.3	87.8	90.0	94.4	94.4	95.6	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	82.2	83.3	87.8	90.0	94.4	94.4	95.6	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	82.2	83.3	87.8	90.0	94.4	94.4	95.6	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	82.2	83.3	87.8	90.0	94.4	94.4	95.6	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	82.2	83.3	87.8	90.0	94.4	94.4	95.6	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 300	82.2	83.3	87.8	90.0	94.4	94.4	95.6	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 200	82.2	83.3	87.8	90.0	94.4	94.4	95.6	96.7	96.7	98.9	98.9	98.9	98.9	98.9	98.9	100.0
GE 100	82.2	83.3	87.8	90.0	94.4	94.4	95.6	96.7	96.7	98.9	98.9	98.9	98.9	98.9	98.9	100.0
GE 000	82.2	83.3	87.8	90.0	94.4	94.4	95.6	96.7	96.7	98.9	98.9	98.9	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.3	36.7	37.8	37.8	37.8	37.8	37.8	38.6	38.6	38.6	38.6	38.6	39.0	39.0	39.0	39.0
GE 20000	40.1	40.8	42.3	42.7	42.7	43.1	43.1	43.8	43.8	43.8	43.8	43.8	44.2	44.2	44.6	44.6
GE 18000	40.1	41.2	42.7	43.1	43.1	43.4	43.4	44.2	44.2	44.2	44.2	44.2	44.6	44.6	44.9	44.9
GE 16000	40.1	41.2	42.7	43.1	43.1	43.4	43.4	44.2	44.2	44.2	44.2	44.2	44.6	44.6	44.9	44.9
GE 14000	41.6	42.7	44.2	44.6	44.6	44.9	44.9	45.7	45.7	45.7	45.7	45.7	46.1	46.1	46.4	46.4
GE 12000	43.4	44.6	46.1	46.4	46.4	46.8	46.8	47.6	47.6	47.6	47.6	47.6	47.9	47.9	48.3	48.3
GE 10000	46.1	47.6	49.4	49.8	49.8	50.2	50.2	50.9	50.9	50.9	50.9	50.9	51.3	51.3	51.7	51.7
GE 9000	47.2	48.7	50.6	50.9	50.9	51.3	51.3	52.1	52.1	52.1	52.1	52.1	52.4	52.4	52.8	52.8
GE 8000	50.2	52.1	54.3	54.7	55.1	55.4	55.4	56.2	56.2	56.2	56.2	56.2	56.6	56.6	56.9	56.9
GE 7000	51.3	53.2	55.4	55.8	56.2	56.6	56.6	57.3	57.3	57.3	57.3	57.3	57.7	57.7	58.1	58.1
GE 6000	52.8	54.7	57.3	58.1	58.4	58.8	58.8	59.6	59.6	59.6	59.6	59.6	59.9	59.9	60.3	60.3
GE 5000	56.9	58.8	62.2	62.9	63.3	63.7	64.0	64.8	64.8	64.8	64.8	64.8	65.2	65.2	65.5	65.5
GE 4500	59.9	61.8	65.2	65.9	66.3	67.0	67.4	68.2	68.2	68.2	68.2	68.2	68.5	68.5	68.9	68.9
GE 4000	65.2	67.0	70.8	72.3	73.0	73.8	74.5	75.7	75.7	75.7	75.7	75.7	76.0	76.0	76.4	76.4
GE 3500	67.0	69.3	73.0	74.9	76.4	77.2	77.9	79.0	79.0	79.0	79.0	79.0	79.4	79.4	79.8	79.8
GE 3000	69.3	71.5	75.7	77.5	79.8	80.9	82.0	83.1	83.1	83.1	83.1	83.1	83.5	83.5	83.9	83.9
GE 2500	71.2	73.4	77.9	80.5	83.1	84.3	85.4	86.5	86.5	86.5	86.5	86.5	86.9	86.9	87.3	87.3
GE 2000	71.5	74.2	78.7	81.3	84.3	85.4	86.5	87.6	87.6	87.6	87.6	87.6	88.0	88.0	88.4	88.4
GE 1800	71.5	74.2	78.7	81.3	84.3	85.4	86.5	87.6	87.6	87.6	87.6	87.6	88.0	88.0	88.4	88.4
GE 1500	71.9	74.5	79.0	81.6	85.4	86.5	88.0	89.1	89.1	89.1	89.1	89.1	89.5	89.5	90.3	90.3
GE 1200	71.9	74.5	79.0	81.6	85.4	86.5	88.4	89.5	89.5	89.9	89.9	89.9	90.3	90.3	91.0	91.0
GE 1000	71.9	74.5	79.0	81.6	85.8	86.9	88.8	89.9	90.3	91.0	91.0	91.0	91.4	91.4	92.1	92.1
GE 900	71.9	74.5	79.0	81.6	85.8	86.9	88.8	89.9	90.3	91.0	91.4	91.4	91.8	91.8	92.5	92.5
GE 800	71.9	74.5	79.0	81.6	85.8	86.9	89.1	90.3	90.6	91.4	91.8	91.8	92.1	92.1	92.9	92.9
GE 700	71.9	74.5	79.0	82.0	86.5	88.0	90.6	91.8	92.1	92.9	93.3	93.3	93.6	93.6	94.4	94.4
GE 600	71.9	74.5	79.0	82.0	86.5	88.0	91.0	92.1	92.5	93.3	93.6	93.6	94.0	94.0	94.8	94.8
GE 500	71.9	74.5	79.0	82.0	86.5	88.0	91.4	92.9	93.3	94.4	95.1	95.1	96.3	97.0	97.8	97.8
GE 400	71.9	74.5	79.0	82.0	86.5	88.0	91.8	93.3	93.6	94.8	95.5	95.5	96.6	97.4	98.5	98.5
GE 300	71.9	74.5	79.0	82.0	86.5	88.0	91.8	93.3	93.6	94.8	95.9	95.9	97.4	98.1	99.3	99.6
GE 200	71.9	74.5	79.0	82.0	86.5	88.0	91.8	93.3	93	94.8	95.9	95.9	97.4	98.1	99.3	99.6
GE 100	71.9	74.5	79.0	82.0	86.5	88.0	91.8	93.3	95	94.8	95.9	95.9	97.4	98.1	99.3	100.0
GE 000	71.9	74.5	79.0	82.0	86.5	88.0	91.8	93.3	93.6	94.8	95.9	95.9	97.4	98.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 267

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.2	38.4	39.6	39.9	40.4	40.4	40.7	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 20000	40.9	42.3	43.7	4.2	44.7	44.7	45.0	45.5	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 18000	41.5	42.9	44.3	44.8	45.3	45.3	45.6	46.1	46.1	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 16000	41.7	43.0	44.4	44.9	45.4	45.4	45.8	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 14000	42.3	43.8	45.3	45.8	46.3	46.3	46.6	47.1	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 12000	43.8	45.4	47.0	47.9	48.4	48.4	48.8	49.3	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 10000	47.6	49.4	51.4	52.4	52.9	52.9	53.2	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 9000	48.3	50.1	52.1	53.1	53.6	53.6	54.0	54.6	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 8000	51.7	53.7	56.2	57.2	58.2	58.2	58.6	59.3	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 7000	53.1	55.2	57.7	58.8	59.8	59.8	60.2	60.9	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 6000	54.1	56.3	59.1	60.2	61.3	61.3	61.7	62.4	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 5000	57.3	59.8	63.4	64.8	65.9	65.9	66.4	67.2	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4500	60.2	62.9	66.8	68.2	69.3	69.4	69.9	70.6	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4000	62.1	65.2	69.7	71.3	73.0	73.4	73.9	74.9	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3500	65.3	68.9	73.5	75.4	77.5	77.9	78.6	79.6	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3000	67.3	71.3	75.9	78.1	80.2	80.6	81.3	82.3	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2500	68.9	73.0	77.6	80.0	82.3	82.7	83.5	84.5	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2000	69.3	73.4	78.0	80.7	83.1	83.5	84.2	85.3	85.4	85.9	85.9	85.9	86.1	86.1	86.2	86.2
GE 1800	69.3	73.4	78.0	80.7	83.2	83.6	84.3	85.6	85.7	86.2	86.2	86.2	86.3	86.3	86.4	86.4
GE 1500	69.4	73.5	78.1	81.2	84.1	84.5	85.2	86.7	86.8	87.4	87.8	87.8	88.1	88.1	88.2	88.2
GE 1200	69.8	73.9	78.6	81.7	84.7	85.1	85.9	87.8	87.9	89.1	89.4	89.4	89.7	89.7	89.9	89.9
GE 1000	69.8	73.9	78.7	82.0	85.0	85.3	86.4	88.3	88.7	90.2	90.7	90.7	91.2	91.2	91.4	91.4
GE 900	69.8	73.9	78.7	82.0	85.0	85.3	86.6	88.4	88.8	90.3	90.8	90.8	91.4	91.4	91.7	91.7
GE 800	69.8	73.9	78.7	82.0	85.0	85.3	87.1	88.9	89.3	90.8	91.4	91.5	92.3	92.4	92.7	92.8
GE 700	69.8	73.9	78.7	82.0	85.2	85.6	87.4	89.3	89.8	91.4	92.2	92.4	93.3	93.4	93.7	93.8
GE 600	69.8	73.9	78.7	82.0	85.2	85.6	87.7	89.6	90.0	92.0	92.8	93.0	93.9	94.2	94.5	94.7
GE 500	69.8	73.9	78.7	82.0	85.2	85.7	88.1	90.2	90.7	92.7	93.5	93.8	95.1	95.4	95.8	95.9
GE 400	69.8	73.9	78.7	82.0	85.2	85.7	88.3	90.8	91.5	93.7	94.9	95.1	96.8	97.1	97.5	97.6
GE 300	69.8	73.9	78.9	82.1	85.3	85.8	88.4	90.9	91.8	93.9	95.4	95.6	97.8	98.1	98.8	99.5
GE 200	69.8	73.9	78.9	82.1	85.3	85.8	88.4	90.9	91.8	93.9	95.5	95.8	97.9	98.3	98.9	99.6
GE 100	69.8	73.9	78.9	82.1	85.3	85.8	88.4	90.9	91.8	93.9	95.5	95.8	97.9	98.3	98.9	100.0
GE 000	69.8	73.9	78.9	82.1	85.3	85.8	88.4	90.9	91.8	93.9	95.5	95.8	97.9	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 804

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CLIL	38.4	39.4	40.4	40.9	41.1	41.6	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 20000	43.6	44.6	46.0	46.8	47.0	47.9	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 18000	44.3	45.3	46.6	47.4	47.8	48.6	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 16000	44.5	45.5	46.9	47.6	48.0	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 14000	45.4	46.4	47.9	48.8	49.1	50.0	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 12000	46.4	47.4	49.1	50.1	50.5	51.4	51.6	51.7	51.7	1.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 10000	49.5	50.6	52.5	53.6	54.0	54.9	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 9000	50.4	51.5	53.4	54.5	55.1	56.0	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 8000	53.1	54.2	56.2	57.9	58.5	59.4	59.7	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 7000	55.1	56.2	58.6	60.5	61.2	62.1	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 6000	55.4	56.5	58.9	60.8	61.6	62.5	62.8	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 5000	58.9	60.1	62.6	65.0	65.8	66.7	67.1	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 4500	60.1	61.3	63.8	66.2	67.2	68.3	68.7	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4000	64.0	65.5	68.2	70.6	72.1	73.2	73.6	73.8	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2
GE 3500	66.3	68.0	71.1	73.4	75.4	76.7	77.1	77.3	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7
GE 3000	70.3	72.7	76.3	78.7	80.9	82.4	82.8	83.0	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4
GE 2500	72.2	74.6	78.4	80.8	83.2	84.8	85.3	85.7	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0
GE 2000	72.8	75.3	79.2	81.5	84.0	85.7	86.2	86.5	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 1800	72.8	75.3	79.2	81.5	84.0	85.7	86.2	86.5	86.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2
GE 1500	72.9	75.6	79.4	81.9	84.4	86.0	86.5	87.2	87.3	87.9	88.3	88.3	88.3	88.3	88.4	88.4
GE 1200	73.6	76.2	80.0	82.8	85.9	87.7	88.3	89.3	89.4	90.1	90.5	90.5	90.5	90.5	90.6	90.6
GE 1000	73.6	76.2	80.0	82.8	86.2	87.9	88.8	90.0	90.1	91.0	91.4	91.4	91.8	91.8	91.9	91.9
GE 900	73.6	76.2	80.0	82.8	86.2	87.9	88.8	90.0	90.1	91.0	91.4	91.4	91.8	91.8	91.9	91.9
GE 800	73.6	76.2	80.2	83.0	86.4	88.2	89.0	90.3	90.5	91.6	92.1	92.3	92.6	92.8	92.9	92.9
GE 700	73.6	76.2	80.2	83.0	86.4	88.2	89.7	91.0	91.3	92.4	93.0	93.1	93.6	93.9	94.0	94.0
GE 600	73.6	76.2	80.2	83.0	86.4	89.2	89.7	91.3	91.6	93.1	93.9	94.0	94.5	94.8	95.0	95.0
GE 500	73.6	76.2	80.2	83.0	86.4	88.2	89.8	92.1	92.5	94.0	95.1	95.4	96.1	96.5	97.0	97.0
GE 400	73.6	76.2	80.2	83.0	86.4	88.2	90.0	92.4	92.8	94.3	95.6	95.9	97.0	97.4	98.0	98.0
GE 300	73.6	76.2	80.3	83.2	86.5	88.3	90.1	92.5	92.9	94.4	95.8	96.0	97.1	97.6	98.6	98.6
GE 200	73.6	76.2	80.3	83.2	86.5	88.3	90.1	92.5	92.9	94.4	95.8	96.0	97.3	97.8	99.1	99.3
GE 100	73.6	76.2	80.3	83.2	86.5	88.3	90.1	92.5	92.9	94.4	95.8	96.0	97.3	98.0	99.4	99.9
GE 000	73.6	76.2	80.3	83.2	86.5	88.3	90.1	92.5	92.9	94.4	95.8	96.0	97.3	98.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 802

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: 15-17

CEILING N FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.6	42.9	43.5	43.9	44.2	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 20000	46.3	46.6	47.2	48.1	48.4	48.7	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 18000	46.8	47.1	47.8	48.7	49.0	49.3	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 16000	46.9	47.2	48.0	48.9	49.2	49.5	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 14000	48.3	48.6	49.3	50.4	50.8	51.1	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 12000	48.7	49.0	49.8	51.1	51.6	51.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 10000	52.5	52.8	53.5	54.9	55.3	55.6	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 9000	53.2	53.5	54.3	55.6	56.1	56.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 8000	55.8	56.1	56.8	58.7	59.2	59.8	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 7000	57.0	57.2	58.1	60.4	61.0	61.6	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 6000	57.8	58.1	59.3	61.9	62.5	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 5000	60.4	61.0	62.2	64.7	65.6	66.2	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4500	62.3	63.2	64.4	67.0	67.9	68.5	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 4000	67.0	68.0	69.2	72.5	73.7	74.3	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 3500	69.5	70.6	71.7	75.2	77.0	77.7	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 3000	73.8	75.3	76.8	80.3	82.8	83.7	84.9	85.1	85.1	85.2	85.4	85.4	85.5	85.5	85.5	85.5
GE 2500	74.7	76.2	77.7	81.2	83.7	84.8	86.2	86.4	86.4	86.5	86.7	86.7	86.8	86.8	86.8	86.8
GE 2000	75.8	77.3	78.8	82.2	85.2	86.4	87.9	88.2	88.2	88.3	88.5	88.5	88.6	88.6	88.6	88.8
GE 1800	76.1	77.6	79.1	82.5	85.5	86.7	88.2	88.5	88.5	88.6	88.8	88.8	88.9	88.9	88.9	89.1
GE 1500	76.1	77.9	79.4	83.0	86.2	87.9	89.4	89.7	89.7	89.8	90.0	90.0	90.1	90.1	90.1	90.3
GE 1200	76.5	78.3	79.8	83.4	86.8	88.6	90.3	90.6	90.6	90.9	91.0	91.0	91.2	91.2	91.2	91.3
GE 1000	76.5	78.3	80.1	84.0	87.4	89.2	91.0	91.8	91.8	92.5	93.0	93.0	93.3	93.3	93.3	93.4
GE 900	76.5	78.3	80.1	84.0	87.4	89.4	91.3	92.2	92.2	93.0	93.4	93.4	93.7	93.7	93.7	93.9
GE 800	76.5	78.3	80.1	84.0	87.4	89.4	91.3	92.2	92.2	93.0	93.9	94.0	94.3	94.3	94.3	94.5
GE 700	76.5	78.3	80.1	84.0	87.4	89.5	91.5	92.5	92.5	93.6	94.5	94.6	95.1	95.1	95.1	95.2
GE 600	76.5	78.3	80.1	84.0	87.4	89.5	91.5	92.5	92.7	93.7	94.6	94.8	95.2	95.2	95.2	95.4
GE 500	76.5	78.3	80.1	84.0	87.4	89.5	91.5	92.7	92.8	94.6	96.1	96.3	97.0	97.0	97.0	97.2
GE 400	76.5	78.3	80.1	84.0	87.4	89.5	91.5	92.7	93.0	94.8	96.4	96.6	97.3	97.3	97.3	97.5
GE 300	76.5	78.3	80.1	84.0	87.4	89.5	91.5	93.0	93.3	95.1	97.0	97.2	97.9	98.1	98.1	98.2
GE 200	76.5	78.3	80.1	84.0	87.4	89.5	91.5	93.0	93.3	95.1	97.2	97.3	98.5	98.7	99.0	99.3
GE 100	76.5	78.3	80.1	84.0	87.4	89.5	91.5	93.0	93.3	95.1	97.2	97.3	98.5	98.7	99.0	99.7
GE 000	76.5	78.3	80.1	84.0	87.4	89.5	91.5	93.0	93.3	95.1	97.2	97.3	98.5	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 669

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.9	48.4	48.9	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 20000	49.6	50.1	50.6	52.4	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 18000	50.9	51.4	51.9	53.6	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 16000	51.6	52.1	52.6	54.4	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 14000	53.1	53.6	54.1	55.9	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 12000	53.9	54.4	54.9	56.6	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 10000	58.9	59.9	60.4	62.2	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 9000	59.1	60.2	60.7	62.4	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 8000	60.4	61.4	62.2	63.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 7000	60.4	61.4	62.2	63.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 6000	61.4	62.4	63.2	65.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 5000	65.9	67.2	67.9	70.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4500	67.7	68.9	69.7	72.4	73.9	73.9	74.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 4000	72.7	73.9	74.9	77.7	80.2	80.2	80.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	74.4	75.7	76.9	79.7	82.7	82.7	83.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3000	76.4	78.4	80.5	83.2	87.2	87.2	87.7	89.2	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5
GE 2500	76.7	78.7	80.7	83.7	88.0	88.2	88.7	90.2	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5
GE 2000	77.4	79.4	81.5	84.5	88.7	89.5	90.2	91.7	91.7	91.7	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	77.7	79.7	81.7	84.7	89.5	90.2	91.0	92.5	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0
GE 1500	77.9	79.9	82.0	85.0	90.7	91.7	92.5	94.5	94.5	94.7	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	78.2	80.2	82.2	85.2	91.2	92.2	93.0	95.2	95.2	95.5	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	78.2	80.2	82.2	85.2	91.5	92.5	93.2	95.5	95.5	95.7	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	78.2	80.2	82.2	85.2	91.5	92.5	93.2	95.5	95.5	95.7	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	78.2	80.2	82.2	85.2	91.5	92.5	93.2	95.5	95.5	95.7	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	78.2	80.2	82.2	85.2	91.5	92.5	93.2	95.5	95.5	96.0	96.5	96.5	96.5	96.5	96.5	96.5
GE 600	78.2	80.2	82.2	85.2	91.5	92.5	93.2	95.5	95.5	96.0	96.5	96.5	96.5	96.5	96.5	96.5
GE 500	78.2	80.2	82.2	85.2	91.5	92.5	93.2	95.5	95.5	96.0	96.5	96.5	96.5	96.5	96.5	96.5
GE 400	78.2	80.2	82.2	85.2	91.5	92.5	93.2	95.5	95.5	96.2	96.7	96.7	97.0	97.0	97.0	97.0
GE 300	78.2	80.2	82.2	85.2	91.5	92.5	93.2	95.5	95.5	96.5	98.2	98.2	98.7	98.7	98.7	99.0
GE 200	78.2	80.2	82.2	85.2	91.5	92.5	93.2	95.5	95.5	96.7	98.5	98.5	99.0	99.0	99.0	99.7
GE 100	78.2	80.2	82.2	85.2	91.5	92.5	93.2	95.5	95.5	96.7	98.5	98.5	99.2	99.2	99.2	100.0
GE 000	78.2	80.2	82.2	85.2	91.5	92.5	93.2	95.5	95.5	96.7	98.5	98.5	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 399

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.2	52.3	52.3	53.1	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 20000	54.9	56.3	56.5	57.3	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 18000	55.2	56.5	56.8	57.6	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 16000	56.0	57.3	57.6	58.4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 14000	56.8	58.1	58.4	59.2	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	57.3	58.7	58.9	59.7	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 10000	61.6	63.2	64.3	65.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 9000	61.9	63.5	64.5	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 8000	62.7	64.3	65.3	66.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 7000	63.7	65.3	66.4	67.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 6000	64.0	65.6	66.7	68.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 5000	67.5	69.9	70.9	72.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 4500	68.8	71.2	72.3	74.1	76.0	76.0	76.0	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 4000	72.8	75.2	76.3	78.4	80.3	80.3	80.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3500	76.3	78.7	79.7	81.9	84.5	84.5	84.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000	79.7	82.1	85.1	87.2	90.9	90.9	90.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2500	79.7	82.4	85.3	87.7	92.0	92.0	92.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000	79.7	82.4	85.6	88.3	93.3	93.3	93.3	94.7	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	79.7	82.4	85.6	88.3	93.3	93.3	93.3	94.7	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500	80.5	83.2	86.4	89.1	94.4	94.4	94.4	95.7	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	80.5	83.2	86.4	89.1	94.4	94.4	94.7	96.0	96.0	96.3	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	80.5	83.2	86.4	89.1	94.4	94.4	94.7	96.0	96.0	96.5	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	80.5	83.2	86.4	89.1	94.4	94.4	94.7	96.0	96.0	96.5	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	81.3	84.0	87.2	89.9	95.2	95.2	95.5	96.8	96.8	97.3	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	81.3	84.0	87.2	89.9	95.2	95.2	95.5	96.8	96.8	97.3	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	81.3	84.0	87.2	89.9	95.2	95.2	95.5	96.8	96.8	97.3	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	81.3	84.0	87.2	89.9	95.2	95.2	95.5	96.8	96.8	97.3	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	81.3	84.0	87.2	89.9	95.2	95.2	95.5	96.8	96.8	97.3	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	81.3	84.0	87.2	89.9	95.2	95.2	95.5	96.8	96.8	97.3	98.4	98.4	98.4	98.4	98.7	98.7
GE 200	81.3	84.0	87.2	89.9	95.2	95.2	95.5	96.8	96.8	97.6	98.7	98.7	98.7	98.7	98.9	99.5
GE 100	81.3	84.0	87.2	89.9	95.2	95.2	95.5	96.8	96.8	97.6	98.7	98.7	98.7	98.7	98.9	99.5
GE 000	81.3	84.0	87.2	89.9	95.2	95.2	95.5	96.8	96.8	97.6	98.7	98.7	98.7	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 375

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.6	42.4	43.2	43.7	44.0	44.2	44.3	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 20000	45.4	46.3	47.4	48.2	48.6	48.9	49.2	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5
GE 18000	46.0	46.9	48.0	48.8	49.3	49.6	49.8	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 16000	46.3	47.2	48.3	49.1	49.6	49.9	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5
GE 14000	47.3	48.3	49.4	50.3	50.8	51.1	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7
GE 12000	48.3	49.3	50.5	51.6	52.1	52.3	52.6	52.8	52.8	52.9	52.9	52.9	52.9	52.9	53.0	53.0
GE 10000	52.1	53.3	54.8	55.9	56.4	56.7	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4
GE 9000	52.8	54.0	55.4	56.5	57.2	57.5	57.8	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1
GE 8000	55.2	56.5	58.1	59.5	60.3	60.6	61.0	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 7000	56.5	57.8	59.5	61.1	61.9	62.3	62.6	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1
GE 6000	57.2	58.5	60.5	62.3	63.2	63.6	63.9	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4
GE 5000	60.6	62.2	64.4	66.5	67.5	67.8	68.2	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7
GE 4500	62.6	64.3	66.6	68.6	69.7	70.2	70.6	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4000	66.4	68.3	70.8	73.2	74.8	75.3	75.9	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.9	76.9
GE 3500	69.0	71.1	73.8	76.2	78.4	79.0	79.6	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6
GE 3000	72.2	74.7	78.0	80.5	83.2	83.9	84.5	85.3	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6
GE 2500	73.4	76.0	79.3	81.9	84.9	85.6	86.4	87.1	87.2	87.4	87.5	87.5	87.5	87.5	87.6	87.6
GE 2000	74.0	76.6	79.9	82.7	85.9	86.8	87.5	88.4	88.4	88.7	88.8	88.8	88.9	88.9	89.0	89.0
GE 1800	74.1	76.7	80.0	82.8	86.1	86.9	87.7	88.6	88.6	88.9	89.0	89.0	89.1	89.1	89.2	89.2
GE 1500	74.3	77.0	80.4	83.3	86.9	87.9	88.7	89.7	89.8	90.2	90.5	90.5	90.6	90.6	90.7	90.7
GE 1200	74.7	77.4	80.7	83.7	87.6	88.6	89.6	90.8	90.9	91.5	91.9	91.9	92.0	92.0	92.1	92.2
GE 1000	74.7	77.4	80.8	83.9	87.8	88.9	90.0	91.4	91.6	92.5	92.9	92.9	93.2	93.2	93.3	93.4
GE 900	74.7	77.4	80.8	83.9	87.8	88.9	90.1	91.5	91.7	92.6	93.0	93.0	93.4	93.4	93.5	93.5
GE 800	74.8	77.5	80.9	84.1	88.0	89.1	90.4	91.8	92.0	93.0	93.6	93.7	94.0	94.1	94.2	94.3
GE 700	74.8	77.5	80.9	84.1	88.1	89.3	90.8	92.3	92.5	93.5	94.2	94.3	94.8	94.9	95.0	95.1
GE 600	74.8	77.5	80.9	84.1	88.1	89.3	90.9	92.4	92.7	93.9	94.6	94.7	95.2	95.3	95.5	95.6
GE 500	74.8	77.5	80.9	84.1	88.1	89.3	91.0	92.9	93.1	94.5	95.5	95.7	96.4	96.6	96.9	96.9
GE 400	74.8	77.5	80.9	84.1	88.1	89.3	91.2	93.1	93.5	94.9	96.1	96.2	97.1	97.4	97.7	97.7
GE 300	74.8	77.5	81.0	84.1	88.2	89.3	91.2	93.2	93.6	95.1	96.6	96.7	97.8	98.1	98.6	98.9
GE 200	74.8	77.5	81.0	84.1	88.2	89.3	91.2	93.2	93.6	95.2	96.7	96.9	98.1	98.4	99.0	99.5
GE 100	74.8	77.5	81.0	84.1	88.2	89.3	91.2	93.2	93.6	95.2	96.7	96.9	98.1	98.4	99.1	99.9
GE 000	74.8	77.5	81.0	84.1	88.2	89.3	91.2	93.2	93.6	95.2	96.7	96.9	98.1	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3406

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.6	55.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 20000	62.2	62.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 18000	63.3	63.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	63.3	63.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	64.4	64.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.8
GE 12000	64.4	64.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.8
GE 10000	66.7	66.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	70.0
GE 9000	66.7	66.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	70.0
GE 8000	67.8	67.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	71.1
GE 7000	68.9	68.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	72.2
GE 6000	68.9	68.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	72.2
GE 5000	68.9	68.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	72.2
GE 4500	70.0	70.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	73.3
GE 4000	72.2	72.2	74.4	74.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	76.7
GE 3500	73.3	73.3	76.7	76.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.9
GE 3000	78.9	78.9	82.2	82.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	84.4
GE 2500	78.9	78.9	82.2	82.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	85.6
GE 2000	80.0	80.0	83.3	83.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	86.7
GE 1800	80.0	80.0	83.3	83.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	86.7
GE 1500	81.1	81.1	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.8
GE 1200	81.1	81.1	84.4	84.4	86.7	86.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.9
GE 1000	81.1	81.1	85.6	85.6	87.8	87.8	88.9	88.9	88.9	90.0	90.0	90.0	91.1	91.1	91.1	92.2
GE 900	81.1	81.1	85.6	85.6	87.8	87.8	88.9	88.9	88.9	90.0	90.0	90.0	91.1	91.1	91.1	92.2
GE 800	81.1	81.1	85.6	85.6	87.8	87.8	88.9	88.9	88.9	90.0	90.0	90.0	91.1	91.1	91.1	92.2
GE 700	81.1	81.1	85.6	85.6	87.8	87.8	88.9	88.9	88.9	90.0	90.0	90.0	91.1	91.1	91.1	92.2
GE 600	81.1	81.1	85.6	85.6	88.9	88.9	90.0	91.1	91.1	92.2	92.2	92.2	93.3	93.3	93.3	94.4
GE 500	81.1	81.1	85.6	85.6	88.9	88.9	91.1	92.2	92.2	94.4	94.4	95.6	96.7	96.7	96.7	97.8
GE 400	81.1	81.1	85.6	85.6	88.9	88.9	92.2	93.3	93.3	95.6	95.6	96.7	97.8	97.8	97.8	98.9
GE 300	81.1	81.1	85.6	85.6	88.9	88.9	92.2	93.3	93.3	95.6	96.7	97.8	98.9	98.9	98.9	100.0
GE 200	81.1	81.1	85.6	85.6	88.9	88.9	92.2	93.3	93.3	95.6	96.7	97.8	98.9	98.9	98.9	100.0
GE 100	81.1	81.1	85.6	85.6	88.9	88.9	92.2	93.3	93.3	95.6	96.7	97.8	98.9	98.9	98.9	100.0
GE 000	81.1	81.1	85.6	85.6	88.9	88.9	92.2	93.3	93.3	95.6	96.7	97.8	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.3	35.1	35.1	35.1	35.1	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 20000	39.6	40.8	40.8	40.8	40.8	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 18000	40.4	41.6	41.6	41.6	41.6	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 16000	40.4	41.6	41.6	41.6	41.6	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 14000	41.6	42.9	42.9	42.9	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 12000	42.4	43.7	43.7	43.7	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 10000	47.8	49.0	49.0	49.0	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 9000	47.8	49.0	49.0	49.0	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 8000	50.2	51.4	51.8	51.8	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 7000	51.4	52.7	53.1	53.1	53.1	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.3	54.3	54.3	54.3
GE 6000	55.1	56.7	57.1	57.1	57.6	58.4	59.2	59.2	59.2	59.2	59.2	59.2	59.6	59.6	59.6	59.6
GE 5000	58.4	60.0	61.6	61.6	62.9	63.7	64.5	64.9	64.9	64.9	64.9	64.9	65.7	65.7	65.7	65.7
GE 4500	60.0	61.6	63.3	63.3	64.5	65.3	66.1	66.5	66.5	66.5	66.5	66.5	67.3	67.3	67.3	67.3
GE 4000	62.0	64.5	66.5	66.5	67.8	68.6	69.4	69.8	69.8	69.8	69.8	69.8	70.6	70.6	70.6	71.0
GE 3500	63.7	66.1	68.6	68.6	69.8	70.6	71.4	71.8	71.8	71.8	72.2	72.2	73.1	73.1	73.1	73.5
GE 3000	66.5	69.4	71.8	72.2	73.5	74.3	75.1	75.5	75.5	76.3	76.7	76.7	77.6	77.6	77.6	78.0
GE 2500	67.8	70.6	73.1	73.5	74.7	75.5	76.3	77.1	77.1	78.0	78.4	78.4	79.2	79.2	79.2	80.0
GE 2000	68.6	71.4	74.3	74.7	75.9	76.7	77.6	78.4	78.4	79.6	80.4	80.4	81.2	81.2	81.2	82.0
GE 1800	69.0	71.8	74.7	75.1	76.3	77.1	78.0	78.8	78.8	80.0	80.8	80.8	81.6	81.6	81.6	82.4
GE 1500	69.4	72.2	75.1	75.5	77.1	78.0	79.2	80.0	80.0	81.2	82.0	82.0	83.3	83.3	83.3	84.1
GE 1200	70.2	73.1	75.9	76.3	78.0	78.8	80.0	80.8	80.8	82.0	83.3	83.3	84.5	84.5	84.5	85.3
GE 1000	70.2	73.5	77.1	77.6	79.2	80.0	82.0	82.9	82.9	84.5	85.7	85.7	86.9	86.9	86.9	87.8
GE 900	70.2	73.5	77.1	77.6	79.6	80.4	82.4	83.3	83.3	84.9	86.1	86.1	87.3	87.3	87.3	88.2
GE 800	70.2	73.5	77.1	78.0	80.0	80.8	83.7	84.5	84.9	86.5	88.2	88.2	89.4	89.4	89.4	90.2
GE 700	70.2	73.5	77.1	78.4	80.4	81.2	84.1	84.9	85.3	87.8	89.8	89.8	91.0	91.0	91.4	92.2
GE 600	70.2	73.5	77.1	78.8	80.8	81.6	84.9	85.7	86.1	88.6	91.0	91.0	92.2	92.2	92.7	93.5
GE 500	70.2	73.5	77.1	78.8	80.8	81.6	84.9	85.7	86.1	89.0	91.4	91.4	93.1	93.1	93.9	94.7
GE 400	70.2	73.5	77.1	78.8	80.8	81.6	84.9	85.7	86.1	89.0	91.8	91.8	93.5	93.5	94.3	95.1
GE 300	70.2	73.5	77.1	78.8	80.8	81.6	84.9	85.7	86.1	89.4	92.2	92.2	93.9	94.3	95.5	96.7
GE 200	70.2	73.5	77.1	78.8	80.8	81.6	84.9	85.7	86.1	89.4	92.2	92.2	95.1	95.5	96.7	98.4
GE 100	70.2	73.5	77.1	78.8	80.8	81.6	84.9	85.7	86.1	89.4	92.2	92.2	95.5	95.9	97.1	100.0
GE 000	70.2	73.5	77.1	78.8	80.8	81.6	84.9	85.7	86.1	89.4	92.2	92.2	95.5	95.9	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 245

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.6	34.8	35.2	35.2	35.6	35.7	35.7	35.7	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 20000	39.4	40.7	41.1	41.1	41.5	41.7	41.7	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 18000	39.6	40.8	41.2	41.2	41.6	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 16000	39.6	40.8	41.2	41.2	41.6	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 14000	41.1	42.3	42.7	42.7	43.1	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 12000	42.0	43.2	43.7	43.7	44.1	44.3	44.3	44.3	44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 10000	46.1	47.6	48.3	48.3	48.7	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 9000	46.1	47.6	48.3	48.3	48.7	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 8000	49.7	51.3	52.1	52.1	52.5	52.8	52.8	52.8	52.8	52.9	52.9	53.1	53.1	53.1	53.1	53.1
GE 7000	51.6	53.2	54.0	54.0	54.6	55.0	55.1	55.1	55.1	55.3	55.3	55.4	55.5	55.5	55.5	55.5
GE 6000	53.3	55.1	56.1	56.2	57.2	57.6	57.7	57.7	57.7	57.8	57.8	58.0	58.1	58.1	58.1	58.1
GE 5000	57.2	59.2	60.3	60.4	61.9	62.3	62.6	62.6	62.6	62.9	62.9	63.0	63.4	63.4	63.4	63.4
GE 4500	58.7	60.7	62.1	62.2	63.7	64.1	64.4	64.4	64.4	64.7	64.8	64.9	65.3	65.3	65.3	65.3
GE 4000	61.7	64.1	65.6	65.9	67.7	68.2	68.6	68.9	68.9	69.3	69.4	69.7	70.1	70.1	70.1	70.1
GE 3500	64.0	66.4	68.2	68.8	70.5	71.1	71.5	71.8	71.8	72.3	72.4	72.7	73.1	73.1	73.1	73.1
GE 3000	68.2	70.9	72.7	73.4	75.4	76.0	76.4	76.7	76.7	77.6	77.8	78.0	78.4	78.4	78.4	78.4
GE 2500	69.3	72.2	74.2	75.0	77.2	77.8	78.3	78.6	78.6	79.5	79.7	79.9	80.4	80.4	80.4	80.4
GE 2000	70.3	73.1	75.2	76.0	78.4	79.3	79.9	80.4	80.5	81.4	82.0	82.3	82.7	82.7	82.7	82.7
GE 1800	70.4	73.3	75.3	76.1	78.6	79.5	80.4	80.8	80.9	81.9	82.4	82.7	83.1	83.1	83.1	83.1
GE 1500	70.7	73.9	76.0	76.8	79.3	80.4	81.2	81.6	81.7	82.7	83.2	83.5	83.9	83.9	83.9	83.9
GE 1200	71.4	74.9	77.1	77.9	80.4	81.4	82.3	82.7	82.8	83.8	84.3	84.6	85.3	85.4	85.4	85.4
GE 1000	71.4	75.2	77.4	78.3	80.9	82.0	83.4	84.0	84.3	85.4	85.9	86.2	86.9	87.0	87.0	87.0
GE 900	71.4	75.2	77.4	78.4	81.2	82.3	83.6	84.3	84.6	86.1	86.8	87.0	87.7	87.9	87.9	87.9
GE 800	71.4	75.3	77.5	78.7	81.6	82.7	84.2	84.9	85.3	87.0	88.4	88.7	89.4	89.5	89.5	89.5
GE 700	71.4	75.3	77.5	78.9	81.7	82.8	84.4	85.4	85.8	87.7	89.6	89.9	90.7	90.9	91.0	91.0
GE 600	71.4	75.4	77.8	79.3	82.3	83.5	85.3	86.2	86.9	89.2	91.8	92.2	93.3	93.5	93.6	93.6
GE 500	71.4	75.4	77.8	79.3	82.3	83.5	85.3	86.5	87.2	89.9	92.6	93.0	94.5	94.7	95.0	95.1
GE 400	71.4	75.4	77.8	79.3	82.3	83.8	85.5	86.8	87.4	90.9	94.0	94.5	96.2	96.3	96.6	96.7
GE 300	71.4	75.4	77.8	79.3	82.3	83.8	85.5	86.8	87.4	91.0	94.3	94.8	96.9	97.3	97.8	98.1
GE 200	71.4	75.4	77.8	79.3	82.3	83.8	85.5	86.8	87.4	91.3	94.7	95.2	98.0	98.5	99.2	99.7
GE 100	71.4	75.4	77.8	79.3	82.3	83.8	85.5	86.8	87.4	91.3	94.7	95.2	98.0	98.5	99.2	100.0
GE 000	71.4	75.4	77.8	79.3	82.3	83.8	85.5	86.8	87.4	91.3	94.7	95.2	98.0	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 733

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA

PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 5

MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CELL	37.9	38.4	38.5	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 20000	44.7	45.2	45.3	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 18000	44.7	45.2	45.3	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 16000	44.7	45.2	45.3	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 14000	45.8	46.3	46.4	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 12000	47.3	47.8	47.9	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 10000	51.2	51.8	52.3	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 9000	51.4	51.9	52.5	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 8000	55.2	55.8	56.4	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 7000	57.1	57.7	58.4	58.6	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 6000	58.8	59.3	60.0	60.3	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 5000	61.5	62.2	63.0	63.6	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 4500	62.9	63.6	64.4	64.9	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 4000	66.2	67.3	68.2	68.8	70.0	70.3	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 3500	68.8	70.0	71.1	71.8	73.0	73.3	73.6	73.6	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3000	73.3	74.5	76.2	77.1	78.9	79.2	79.5	79.5	79.5	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2500	74.4	75.9	77.7	78.8	80.5	80.8	81.2	81.2	81.2	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2000	74.9	76.6	78.5	79.7	81.5	82.2	82.7	82.7	82.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1800	75.2	76.8	78.8	80.0	81.9	82.6	83.2	83.2	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1500	75.6	77.3	79.2	80.5	82.7	83.4	84.1	84.2	84.4	85.2	85.2	85.2	85.2	85.2	85.5	85.5
GE 1200	75.8	77.4	79.5	81.0	83.4	84.1	84.9	85.1	85.2	86.0	86.2	86.2	86.2	86.2	86.4	86.4
GE 1000	76.0	77.8	80.1	81.9	84.7	85.6	87.0	87.1	87.3	88.1	88.2	88.2	88.5	88.5	88.8	88.8
GE 900	76.0	77.8	80.3	82.1	84.8	85.8	87.1	87.4	87.5	88.4	88.6	88.6	88.9	88.9	89.2	89.2
GE 800	76.0	77.8	80.4	82.3	85.2	86.2	87.5	88.2	88.5	89.7	90.4	90.4	91.0	91.0	91.2	91.2
GE 700	76.0	77.8	80.4	82.3	85.2	86.3	87.7	88.8	89.2	90.5	91.4	91.5	92.2	92.2	92.5	92.5
GE 600	76.2	77.9	80.8	82.9	85.8	87.0	88.4	89.6	90.0	92.5	93.7	93.8	94.8	94.9	95.3	95.3
GE 500	76.2	77.9	80.8	82.9	85.8	87.0	88.6	90.1	90.5	93.0	94.2	94.4	95.6	95.8	96.2	96.2
GE 400	76.2	77.9	80.8	82.9	85.8	87.5	89.2	90.7	91.1	93.8	95.2	95.3	96.7	96.8	97.3	97.3
GE 300	76.2	77.9	80.8	82.9	85.8	87.5	89.2	90.7	91.2	94.2	95.8	96.2	98.2	98.6	99.2	99.2
GE 200	76.2	77.9	80.8	82.9	85.8	87.5	89.2	90.7	91.2	94.2	95.8	96.2	98.4	98.9	99.6	99.9
GE 100	76.2	77.9	80.8	82.9	85.8	87.5	89.2	90.7	91.2	94.2	95.8	96.2	98.4	98.9	99.6	100.0
GE 000	76.2	77.9	80.8	82.9	85.8	87.5	89.2	90.7	91.2	94.2	95.8	96.2	98.4	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 730

OPERATING LOCATION "A"
JAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.8	38.1	38.1	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 20000	43.8	44.3	44.3	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 18000	44.2	44.6	44.6	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 16000	44.3	44.8	44.8	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 14000	45.6	46.1	46.1	46.4	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 12000	47.6	48.2	48.2	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 10000	52.1	52.8	52.8	53.1	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 9000	52.1	52.8	52.9	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 8000	54.4	55.0	55.2	55.5	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 7000	55.2	55.8	56.2	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 6000	57.0	57.6	58.1	58.6	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 5000	60.7	61.4	61.9	62.5	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 4500	62.0	62.7	63.1	63.8	64.6	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 4000	66.7	67.4	68.3	69.0	69.8	69.8	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 3500	70.1	70.8	71.9	72.7	73.5	73.5	73.7	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3000	74.8	75.6	77.3	78.2	79.5	79.5	79.9	79.9	80.0	80.4	80.7	80.7	80.7	80.7	80.7	80.7
GE 2500	76.3	77.4	79.1	80.0	81.3	81.3	81.7	81.7	82.0	82.3	82.6	82.6	82.6	82.6	82.6	82.6
GE 2000	77.4	78.9	80.5	81.8	83.6	83.8	84.1	84.1	84.4	84.7	85.1	85.1	85.1	85.1	85.1	85.1
GE 1800	77.4	78.9	80.5	81.8	83.6	83.8	84.1	84.1	84.4	84.7	85.1	85.1	85.1	85.1	85.1	85.1
GE 1500	78.1	79.7	81.7	83.3	85.7	86.2	86.7	86.9	87.5	87.8	88.1	88.1	88.1	88.1	88.1	88.1
GE 1200	78.4	80.0	82.0	83.6	86.0	86.7	87.3	87.5	88.1	88.5	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	78.9	80.5	82.5	84.3	86.9	87.5	88.6	89.0	89.6	89.9	90.4	90.4	90.6	90.6	90.6	90.6
GE 900	78.9	80.5	82.5	84.3	86.9	87.7	89.0	89.4	90.1	90.4	91.1	91.1	91.4	91.4	91.4	91.4
GE 800	79.1	80.7	82.6	84.4	87.2	88.1	89.4	89.9	90.7	91.6	92.2	92.5	92.9	92.9	92.9	92.9
GE 700	79.1	80.7	82.6	84.6	87.3	88.3	89.8	90.3	91.4	92.5	93.2	93.5	93.8	93.8	93.8	93.8
GE 600	79.1	80.7	82.6	84.9	87.8	88.8	90.3	90.7	91.9	93.2	94.2	94.5	95.0	95.1	95.1	95.1
GE 500	79.1	80.7	82.6	84.9	88.0	89.0	90.4	90.9	92.0	93.8	95.1	95.6	96.1	96.3	96.3	96.3
GE 400	79.1	80.7	82.6	84.9	88.0	89.3	90.9	91.4	92.7	95.0	96.6	97.1	97.9	98.1	98.1	98.1
GE 300	79.1	80.7	82.6	84.9	88.0	89.3	90.9	91.4	92.7	95.0	96.6	97.1	97.9	98.1	98.1	98.2
GE 200	79.1	80.7	82.6	84.9	88.0	89.3	90.9	91.4	92.7	95.0	96.6	97.1	98.2	98.5	99.0	99.7
GE 100	79.1	80.7	82.6	84.9	88.0	89.3	90.9	91.4	92.7	95.0	96.6	97.1	98.2	98.5	99.0	100.0
GE 000	79.1	80.7	82.6	84.9	88.0	89.3	90.9	91.4	92.7	95.0	96.6	97.1	98.2	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 616

OPERATING LOCATION "A"
 (STATION NO. AND ELEVATION)

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER 75164

STATION NAME: FT. INDIANTOWN CAP/MILITARY APT. PA.
 DIST. TO DTG: 6.5

PERIOD OF RECORD: MAY 79 APR 82
 MONTH: FEB HOURS: 18 20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
NO. CEIL.	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 20000	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 18000	49.2	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 16000	49.2	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 14000	51.7	52.0	52.0	52.0	52.0	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 12000	53.6	53.8	53.8	53.8	53.8	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 10000	57.5	57.5	57.5	57.5	57.5	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 9000	57.5	57.5	57.5	57.5	57.5	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 8000	62.0	62.5	62.5	62.5	62.5	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 7000	65.5	65.9	65.9	65.9	65.9	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 6000	65.6	66.6	66.9	66.9	66.9	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 5000	65.7	66.8	67.5	67.5	67.5	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4500	68.5	69.4	69.9	69.9	69.9	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 4000	70.2	71.5	72.0	72.5	72.8	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 3500	73.4	74.7	75.2	75.5	76.0	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 3000	78.1	79.9	81.0	81.5	82.1	82.6	82.8	82.8	82.8	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 2500	80.7	82.6	83.6	83.9	85.2	85.8	86.0	86.0	86.0	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2000	81.5	83.6	85.0	85.2	86.5	87.1	87.5	87.5	87.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	81.5	83.9	85.2	85.5	86.8	87.5	87.6	87.6	87.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1500	81.5	85.9	85.2	85.5	87.6	88.1	88.4	88.4	88.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1200	82.5	86.7	86.5	86.5	88.7	89.2	90.0	90.5	90.5	91.6	91.6	91.6	91.8	91.8	91.8	91.8
GE 1000	82.5	86.7	86.5	86.5	88.7	89.4	90.2	90.8	90.8	92.9	92.9	92.9	93.4	93.4	93.4	93.4
GE 900	82.5	86.7	86.5	86.8	88.9	89.7	90.5	91.0	91.0	93.7	93.7	93.7	94.2	94.2	94.2	94.2
GE 800	82.5	86.7	86.5	87.1	89.2	90.2	91.5	91.8	91.8	96.5	96.5	96.5	96.0	96.0	96.0	96.0
GE 700	82.5	86.7	86.5	87.1	89.4	90.5	92.3	92.9	93.4	96.5	96.5	96.5	96.8	96.8	96.8	96.8
GE 600	82.5	86.7	86.5	87.1	90.8	92.1	93.9	96.5	96.0	97.9	97.9	97.9	98.4	98.4	98.4	98.4
GE 500	82.5	86.7	86.5	87.1	90.8	92.1	93.9	96.5	96.0	97.9	97.9	97.9	98.4	98.4	98.4	98.4
GE 400	82.5	86.7	86.5	87.1	90.8	92.1	94.2	94.7	95.5	98.4	98.7	98.7	99.2	99.2	99.2	99.2
GE 300	82.5	86.7	86.5	87.1	90.8	92.1	94.2	94.7	95.5	98.4	98.7	98.7	99.7	99.7	99.7	99.7
GE 200	82.5	86.7	86.5	87.1	90.8	92.1	96.2	96.7	96.5	98.4	98.7	98.7	100.0	100.0	100.0	100.0
GE 100	82.5	86.7	86.5	87.1	90.8	92.1	96.2	96.7	96.5	98.4	98.7	98.7	100.0	100.0	100.0	100.0
GE 000	82.5	86.7	86.5	87.1	90.8	92.1	96.2	96.7	96.5	98.4	98.7	98.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 579

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.7	47.7	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 20000	54.3	54.3	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 18000	54.3	54.3	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 16000	54.3	54.3	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 14000	55.1	55.1	56.0	56.3	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 12000	55.7	55.7	56.6	56.9	56.9	56.9	57.4	57.4	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7
GE 10000	59.1	59.1	60.0	60.3	60.3	60.3	60.9	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1
GE 9000	59.1	59.1	60.0	60.3	60.3	60.3	60.9	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1
GE 8000	62.0	62.0	62.9	63.1	63.1	63.1	63.7	63.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0
GE 7000	63.4	63.4	64.3	64.6	64.6	64.6	65.1	65.1	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4
GE 6000	63.7	64.3	65.4	65.7	65.7	65.7	66.3	66.3	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6
GE 5000	65.1	66.0	67.4	67.7	67.7	67.7	68.3	68.3	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6
GE 4500	68.3	69.4	70.9	71.1	71.1	71.1	71.7	71.7	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0
GE 4000	69.7	70.9	72.3	72.6	73.4	73.4	74.0	74.0	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3
GE 3500	71.7	73.4	75.1	75.4	76.3	76.3	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1
GE 3000	76.9	78.6	80.3	80.6	81.7	81.7	82.3	82.3	82.3	82.6	82.9	82.9	82.9	82.9	82.9	82.9
GE 2500	78.3	80.0	82.3	82.6	83.7	83.7	84.3	84.3	84.3	84.6	84.9	84.9	84.9	84.9	84.9	84.9
GE 2000	79.1	81.1	83.4	84.0	85.4	85.4	86.6	86.6	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1
GE 1800	79.1	81.1	83.4	84.0	85.4	85.4	86.6	86.6	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1
GE 1500	79.7	81.7	84.0	84.6	86.3	86.3	87.4	87.4	87.4	87.7	88.0	88.0	88.0	88.0	88.0	88.0
GE 1200	80.6	82.9	85.1	85.7	87.4	87.4	89.4	89.7	89.7	90.0	90.3	90.3	90.3	90.3	90.3	90.3
GE 1000	80.6	82.9	85.1	85.7	87.4	88.3	90.3	90.6	90.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0
GE 900	80.6	82.9	85.1	85.7	87.4	88.3	90.6	90.9	90.9	92.6	92.9	92.9	92.9	92.9	92.9	92.9
GE 800	80.6	82.9	85.1	85.7	87.4	88.3	90.6	90.9	90.9	93.1	93.7	93.7	93.7	93.7	93.7	93.7
GE 700	80.6	82.9	85.1	85.7	87.4	88.3	90.6	90.9	90.9	93.1	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	80.6	82.9	85.1	85.7	88.3	89.1	92.3	93.1	93.1	94.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	80.6	82.9	85.1	85.7	88.3	89.1	93.1	94.0	94.0	96.6	97.1	97.1	97.1	97.4	97.4	97.4
GE 400	80.6	82.9	85.1	85.7	88.3	89.1	93.1	94.0	94.0	96.6	97.1	97.1	97.1	97.4	97.4	97.4
GE 300	80.6	82.9	85.1	85.7	88.3	89.1	93.1	94.0	94.0	96.9	98.0	98.0	98.3	98.6	98.6	98.6
GE 200	80.6	82.9	85.1	85.7	88.3	89.1	93.1	94.0	94.0	96.9	98.0	98.0	99.1	99.4	99.4	100.0
GE 100	80.6	82.9	85.1	85.7	88.3	89.1	93.1	94.0	94.0	96.9	98.0	98.0	99.1	99.4	99.4	100.0
GE 000	80.6	82.9	85.1	85.7	88.3	89.1	93.1	94.0	94.0	96.9	98.0	98.0	99.1	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 350

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CELL	38.8	39.3	39.6	39.7	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0
CE 20000	45.1	45.7	46.0	46.1	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 18000	45.3	45.9	46.2	46.3	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 16000	45.3	45.9	46.2	46.4	46.5	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 14000	46.6	47.2	47.5	47.7	47.9	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2
GE 12000	47.9	48.6	48.9	49.0	49.3	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6
GE 10000	52.0	52.7	53.2	53.3	53.5	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9
GE 9000	52.0	52.8	53.2	53.4	53.6	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 8000	55.3	56.1	56.6	56.8	57.1	57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5
GE 7000	56.8	57.6	58.2	58.4	58.8	59.0	59.1	59.1	59.1	59.1	59.2	59.2	59.3	59.3	59.3	59.3
GE 6000	58.3	59.3	60.0	60.2	60.9	61.1	61.3	61.3	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.5
GE 5000	61.2	62.3	63.3	63.6	64.5	64.7	65.0	65.0	65.0	65.1	65.1	65.1	65.3	65.3	65.3	65.3
GE 4500	63.0	64.1	65.1	65.4	66.3	66.6	66.8	66.8	66.8	66.9	67.0	67.0	67.2	67.2	67.2	67.2
GE 4000	66.0	67.4	68.6	69.0	70.1	70.4	70.8	70.9	70.9	71.0	71.1	71.2	71.3	71.3	71.3	71.4
GE 3500	68.5	70.1	71.5	72.0	73.1	73.5	73.8	73.9	73.9	74.2	74.3	74.4	74.5	74.5	74.5	74.6
GE 3000	73.0	74.7	76.5	77.1	78.6	78.9	79.3	79.4	79.4	80.1	80.2	80.3	80.4	80.4	80.4	80.5
GE 2500	74.4	76.3	78.1	78.9	80.5	80.8	81.3	81.4	81.5	82.1	82.2	82.3	82.4	82.4	82.4	82.5
GE 2000	75.2	77.3	79.3	80.1	81.9	82.4	83.0	83.2	83.3	84.0	84.3	84.3	84.5	84.5	84.5	84.6
GE 1800	75.4	77.4	79.4	80.3	82.1	82.7	83.3	83.4	83.6	84.3	84.5	84.6	84.8	84.8	84.8	84.9
GE 1500	75.8	78.0	80.0	81.0	83.2	83.8	84.5	84.7	84.9	85.7	85.9	86.0	86.2	86.2	86.3	86.4
GE 1200	76.3	78.6	80.7	81.7	84.0	84.6	85.6	85.9	86.1	86.8	87.2	87.3	87.6	87.6	87.7	87.8
GE 1000	76.5	78.9	81.2	82.3	84.7	85.5	86.9	87.3	87.5	88.6	89.0	89.0	89.5	89.5	89.6	89.7
GE 900	76.5	78.9	81.2	82.4	84.8	85.7	87.1	87.6	87.8	89.1	89.6	89.7	90.1	90.2	90.2	90.3
GE 800	76.5	78.9	81.3	82.6	85.1	86.1	87.7	88.2	88.6	90.2	91.0	91.1	91.6	91.7	91.7	91.8
GE 700	76.5	78.9	81.3	82.7	85.3	86.3	88.0	88.7	89.2	91.0	92.0	92.2	92.8	92.8	92.9	93.0
GE 600	76.5	79.0	81.5	83.0	85.9	87.0	88.9	89.8	90.3	92.5	93.9	94.1	94.8	94.9	95.1	95.2
GE 500	76.5	79.0	81.5	83.0	86.0	87.1	89.1	90.1	90.7	93.2	94.6	94.8	95.8	95.9	96.2	96.3
GE 400	76.5	79.0	81.5	83.0	86.0	87.3	89.5	90.5	91.1	93.9	95.6	95.9	96.9	97.1	97.3	97.4
GE 300	76.5	79.0	81.5	83.0	86.0	87.3	89.5	90.5	91.1	94.1	95.9	96.3	97.7	98.0	98.3	98.6
GE 200	76.5	79.0	81.5	83.0	86.0	87.3	89.5	90.5	91.1	94.1	96.0	96.4	98.3	98.7	99.2	99.7
GE 100	76.5	79.0	81.5	83.0	86.0	87.3	89.5	90.5	91.1	94.1	96.0	96.4	98.3	98.7	99.2	100.0
GE 000	76.5	79.0	81.5	83.0	86.0	87.3	89.5	90.5	91.1	94.1	96.0	96.4	98.3	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 5143

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.5	55.4	56.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 20000	61.4	62.4	63.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 18000	61.4	62.4	63.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 16000	61.4	62.4	63.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 14000	62.4	63.4	64.4	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 12000	62.4	63.4	64.4	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 10000	68.3	70.3	71.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 9000	68.3	70.3	71.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 8000	74.3	76.2	77.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 7000	75.2	77.2	78.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	75.2	77.2	78.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	76.2	79.2	80.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4500	79.2	82.2	83.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4000	80.2	83.2	85.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3500	81.2	84.2	86.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3000	84.2	87.1	89.1	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500	85.1	88.1	90.1	91.1	92.1	92.1	92.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000	85.1	88.1	90.1	91.1	92.1	92.1	92.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800	85.1	88.1	90.1	91.1	92.1	92.1	92.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	85.1	88.1	90.1	91.1	92.1	92.1	92.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200	85.1	88.1	90.1	91.1	92.1	92.1	92.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1000	85.1	88.1	90.1	91.1	94.1	94.1	94.1	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 900	85.1	88.1	90.1	91.1	94.1	94.1	94.1	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	85.1	88.1	90.1	91.1	94.1	94.1	94.1	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 700	85.1	88.1	90.1	91.1	95.0	95.0	95.0	97.0	97.0	97.0	97.0	97.0	97.0	98.0	98.0	98.0
GE 600	85.1	88.1	90.1	91.1	95.0	95.0	95.0	97.0	97.0	97.0	97.0	97.0	97.0	98.0	98.0	98.0
GE 500	85.1	88.1	90.1	91.1	96.0	96.0	96.0	98.0	98.0	98.0	98.0	98.0	99.0	99.0	99.0	99.0
GE 400	85.1	88.1	90.1	91.1	96.0	96.0	96.0	98.0	98.0	98.0	99.0	99.0	99.0	100.0	100.0	100.0
GE 300	85.1	88.1	90.1	91.1	96.0	96.0	96.0	98.0	98.0	98.0	99.0	99.0	99.0	100.0	100.0	100.0
GE 200	85.1	88.1	90.1	91.1	96.0	96.0	96.0	98.0	98.0	98.0	99.0	99.0	99.0	100.0	100.0	100.0
GE 100	85.1	88.1	90.1	91.1	96.0	96.0	96.0	98.0	98.0	98.0	99.0	99.0	99.0	100.0	100.0	100.0
GE 000	85.1	88.1	90.1	91.1	96.0	96.0	96.0	98.0	98.0	98.0	99.0	99.0	99.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 101

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.3	45.7	46.4	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 20000	47.4	48.8	49.5	50.5	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 18000	47.8	49.1	49.8	51.2	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 16000	47.8	49.1	49.8	51.2	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 14000	48.4	49.8	50.5	51.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 12000	49.8	51.2	51.9	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 10000	54.0	55.7	56.4	57.8	58.5	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 9000	54.0	55.7	56.4	57.8	58.5	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 8000	56.7	58.5	59.2	60.6	61.2	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000	57.8	59.5	60.2	61.6	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 6000	59.9	61.9	62.6	64.0	64.7	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 5000	63.0	65.1	65.7	67.1	68.2	68.2	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 4500	65.4	67.5	68.2	69.6	70.6	70.6	70.9	71.6	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 4000	66.4	68.5	69.9	71.6	72.7	72.7	73.0	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3500	68.9	71.3	72.7	74.4	75.4	75.4	75.8	76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 3000	72.3	74.7	76.1	77.9	78.9	78.9	79.6	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 2500	73.7	76.5	77.9	79.6	80.6	80.6	81.3	82.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2000	75.1	77.9	79.2	81.0	82.4	82.4	83.0	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1800	75.1	77.9	79.2	81.0	82.4	82.7	83.4	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1500	75.4	78.2	79.9	81.7	83.4	84.1	84.8	85.5	85.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1200	75.4	78.2	79.9	81.7	83.4	84.1	84.8	85.5	85.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1000	76.1	78.9	80.6	82.7	84.8	85.8	86.5	87.2	87.5	88.9	89.3	89.3	89.3	89.3	89.3	89.3
GE 900	76.5	79.2	81.0	83.0	85.5	86.9	87.5	88.6	88.9	90.3	90.7	90.7	90.7	90.7	90.7	90.7
GE 800	76.5	79.2	81.0	83.4	85.8	87.2	87.9	89.3	89.6	91.0	91.3	91.3	91.3	91.3	91.3	91.3
GE 700	76.5	79.6	81.3	83.7	86.5	87.9	88.6	90.0	90.3	92.0	92.4	92.7	92.7	92.7	92.7	92.7
GE 600	76.5	79.6	81.3	84.1	86.9	88.2	88.9	90.7	91.0	93.1	93.8	94.5	94.8	94.8	94.8	95.2
GE 500	76.5	79.6	81.3	84.1	86.9	88.2	89.3	91.3	91.7	94.5	95.2	95.8	96.5	96.5	97.2	97.9
GE 400	76.5	79.6	81.3	84.1	86.9	88.2	89.3	91.3	91.7	94.5	95.8	96.5	97.2	97.2	97.9	99.0
GE 300	76.5	79.6	81.3	84.1	87.2	88.6	89.6	91.7	92.0	95.2	96.5	97.2	98.3	98.3	99.0	100.0
GE 200	76.5	79.6	81.3	84.1	87.2	88.6	89.6	91.7	92.0	95.2	96.5	97.2	98.3	98.3	99.0	100.0
GE 100	76.5	79.6	81.3	84.1	87.2	88.6	89.6	91.7	92.0	95.2	96.5	97.2	98.3	98.3	99.0	100.0
GE 000	76.5	79.6	81.3	84.1	87.2	88.6	89.6	91.7	92.0	95.2	96.5	97.2	98.3	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 289

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.3	45.1	46.0	46.5	46.7	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 20000	48.3	49.1	50.3	51.1	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 18000	48.5	49.3	50.6	51.5	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 16000	48.6	49.4	50.7	51.6	51.8	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 14000	49.0	49.8	51.0	51.9	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 12000	49.3	50.1	51.4	52.3	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 10000	53.0	53.8	55.0	55.9	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 9000	53.2	54.0	55.2	56.2	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 8000	56.8	57.6	58.9	59.8	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 7000	58.4	59.3	60.6	61.5	61.7	61.7	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 6000	59.7	60.7	62.0	62.9	63.1	63.1	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 5000	62.3	63.6	64.8	66.1	66.6	66.6	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4500	63.4	64.8	66.1	67.3	67.9	67.9	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 4000	67.0	68.3	69.7	71.1	71.8	71.8	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3500	69.5	71.0	72.6	74.3	75.1	75.1	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3000	72.7	74.4	76.1	77.9	79.2	79.2	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 2500	73.6	75.5	77.2	79.2	80.5	80.5	81.1	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 2000	75.1	77.0	78.7	80.6	82.1	82.2	82.9	83.0	83.0	83.1	83.3	83.3	83.3	83.3	83.3	83.3
GE 1800	75.2	77.1	78.8	80.	82.5	82.7	83.4	83.5	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7
GE 1500	76.2	78.1	80.1	82.1	83.7	84.1	85.0	85.1	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4
GE 1200	76.4	78.4	80.4	82.5	84.3	84.6	85.9	86.1	86.2	86.3	86.7	86.7	86.8	86.8	86.8	86.8
GE 1000	76.5	78.5	80.6	82.9	85.2	85.5	87.0	87.5	87.8	88.4	89.0	89.0	89.2	89.2	89.2	89.2
GE 900	76.5	78.6	80.8	83.1	85.5	86.0	87.6	88.0	88.5	89.1	89.6	89.6	89.9	89.9	89.9	89.9
GE 800	76.7	78.8	81.1	83.6	86.0	86.7	88.5	89.3	89.7	90.4	91.2	91.3	91.6	91.6	91.6	91.6
GE 700	76.7	78.9	81.8	84.4	87.6	88.5	90.5	91.6	92.0	92.8	93.7	94.2	94.4	94.4	94.4	94.4
GE 600	76.7	78.9	81.8	84.4	88.2	89.1	91.3	92.4	92.8	94.0	95.0	95.6	96.1	96.2	96.2	96.2
GE 500	76.7	78.9	81.8	84.4	88.2	89.1	91.3	92.5	92.9	94.5	95.7	96.2	97.3	97.4	97.6	97.8
GE 400	76.7	78.9	81.8	84.4	88.2	89.1	91.5	92.6	93.1	95.0	96.6	97.2	98.2	98.3	98.5	98.7
GE 300	76.7	78.9	81.8	84.4	88.2	89.1	91.5	92.7	93.2	95.1	96.9	97.5	98.7	98.9	99.1	99.3
GE 200	76.7	78.9	81.8	84.4	88.2	89.1	91.5	92.9	93.4	95.3	97.2	97.7	99.3	99.4	99.7	100.0
GE 100	76.7	78.9	81.8	84.4	88.2	89.1	91.5	92.9	93.4	95.3	97.2	97.7	99.3	99.4	99.7	100.0
GE 000	76.7	78.9	81.8	84.4	88.2	89.1	91.5	92.9	93.4	95.3	97.2	97.7	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 878

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LSI TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.6	42.0	42.3	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 20000	46.4	46.7	47.2	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 18000	46.7	47.1	47.5	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 16000	46.7	47.1	47.5	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 14000	47.3	47.6	48.1	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 12000	47.7	48.2	48.6	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 10000	49.9	50.3	50.8	51.8	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 9000	50.0	50.5	50.9	51.9	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 8000	53.9	54.5	55.0	56.0	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 7000	55.4	56.3	56.8	57.8	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 6000	57.3	58.3	58.8	59.9	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 5000	59.4	60.8	61.5	62.7	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 4500	60.7	62.0	62.7	63.9	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 4000	65.8	67.3	68.4	69.6	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3500	68.7	70.4	71.8	73.0	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3000	74.0	75.9	77.3	78.7	79.4	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2500	75.7	77.6	79.0	80.6	81.3	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 2000	77.1	79.0	80.5	82.4	83.3	83.9	84.0	84.1	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4
GE 1800	77.1	79.0	80.5	82.4	83.3	83.9	84.0	84.1	84.1	84.1	84.5	84.5	84.5	84.5	84.5	84.5
GE 1500	78.3	80.5	82.0	84.2	85.6	86.3	86.4	86.5	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8
GE 1200	78.5	80.7	82.4	84.7	86.3	87.1	87.8	87.9	87.9	88.2	88.5	88.5	88.5	88.5	88.5	88.5
GE 1000	78.9	81.3	83.4	85.7	87.5	88.4	89.1	89.2	89.3	89.8	90.4	90.4	90.4	90.4	90.4	90.4
GE 900	78.9	81.3	83.6	85.8	88.0	89.2	89.9	90.0	90.1	90.7	91.5	91.5	91.5	91.5	91.5	91.5
GE 800	78.9	81.3	83.6	85.8	88.4	89.9	90.7	90.8	90.9	91.8	92.6	92.6	92.6	92.7	92.9	92.9
GE 700	79.0	81.4	83.8	86.2	89.8	91.3	92.2	92.5	92.6	93.5	94.4	94.7	94.9	95.0	95.4	95.4
GE 600	79.0	81.4	83.8	86.2	89.9	91.4	92.3	92.6	92.7	94.1	95.0	95.2	95.6	95.7	96.0	96.0
GE 500	79.0	81.4	83.8	86.3	90.0	91.7	92.6	93.4	93.8	95.4	96.4	96.6	97.1	97.2	97.5	97.5
GE 400	79.0	81.4	83.8	86.3	90.0	91.7	92.6	93.4	93.8	95.8	96.9	97.2	98.3	98.4	98.8	98.8
GE 300	79.0	81.4	83.8	86.3	90.0	91.7	92.6	93.5	93.9	96.1	97.4	97.6	99.1	99.3	99.8	99.8
GE 200	79.0	81.4	83.8	86.3	90.0	91.7	92.6	93.7	94.0	96.3	97.5	97.7	99.3	99.5	100.0	100.0
GE 100	79.0	81.4	83.8	86.3	90.0	91.7	92.6	93.7	94.0	96.3	97.5	97.7	99.3	99.5	100.0	100.0
GE 000	79.0	81.4	83.8	86.3	90.0	91.7	92.6	93.7	94.0	96.3	97.5	97.7	99.3	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 382

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.1	44.5	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 20000	48.8	49.3	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 18000	49.1	49.6	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 16000	49.1	49.6	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 14000	50.0	50.5	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 12000	50.5	51.1	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 10000	53.8	54.4	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 9000	53.9	54.6	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 8000	57.1	57.9	58.8	58.8	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 7000	58.4	59.4	60.3	60.3	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 6000	60.2	61.1	62.2	62.2	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 5000	63.0	63.9	65.1	65.1	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 4500	65.3	66.5	67.7	67.7	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 4000	68.9	70.2	71.7	72.1	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3500	72.9	74.5	76.1	76.7	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3000	77.1	78.8	80.4	81.1	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 2500	78.8	80.6	82.3	83.0	83.6	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2000	79.8	81.5	83.2	83.9	84.6	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1800	79.8	81.5	83.2	83.9	84.6	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
GE 1500	80.4	82.2	84.0	84.9	86.3	87.1	87.3	87.5	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.8
GE 1200	80.7	82.4	84.7	86.1	87.8	88.7	89.5	89.8	89.8	90.1	90.1	90.1	90.2	90.2	90.2	90.2
GE 1000	81.1	83.2	85.9	87.7	89.9	91.0	92.0	92.2	92.2	92.5	92.6	92.6	92.8	92.8	92.9	92.9
GE 900	81.1	83.2	85.9	87.7	90.1	91.6	92.5	92.8	92.8	93.0	93.2	93.2	93.3	93.3	93.4	93.4
GE 800	81.1	83.2	85.9	87.8	90.3	91.8	92.9	93.3	93.4	93.8	94.1	94.1	94.2	94.2	94.4	94.4
GE 700	81.1	83.2	86.1	87.9	90.8	92.2	93.7	94.5	94.6	95.0	95.4	95.4	95.6	95.6	95.7	95.7
GE 600	81.2	83.4	86.2	88.1	90.9	92.5	94.5	95.4	95.6	96.8	97.2	97.2	97.3	97.3	97.5	97.5
GE 500	81.2	83.4	86.2	88.3	91.3	92.9	95.0	96.1	96.2	97.5	97.9	97.9	98.0	98.0	98.1	98.1
GE 400	81.2	83.4	86.2	88.3	91.4	93.0	95.2	96.5	96.6	98.0	98.4	98.5	98.8	98.9	99.1	99.1
GE 300	81.2	83.4	86.2	88.3	91.4	93.0	95.2	96.6	96.8	98.1	98.5	98.7	99.2	99.6	99.9	99.9
GE 200	81.2	83.4	86.2	88.3	91.4	93.0	95.2	96.6	96.8	98.1	98.5	98.7	99.2	99.6	99.9	99.9
GE 100	81.2	83.4	86.2	88.3	91.4	93.0	95.2	96.6	96.8	98.1	98.5	98.7	99.3	99.7	100.0	100.0
GE 000	81.2	83.4	86.2	88.3	91.4	93.0	95.2	96.6	96.8	98.1	98.5	98.7	99.3	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 746

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.6	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 20000	56.0	58.6	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 18000	56.2	58.8	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 16000	56.2	58.8	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 14000	57.3	59.8	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 12000	57.5	60.0	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 10000	62.4	65.1	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 9000	62.4	65.1	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 8000	67.4	70.6	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 7000	69.1	72.3	72.7	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 6000	70.8	74.0	74.4	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 5000	72.3	75.5	75.9	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 4500	72.7	76.1	77.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4000	75.3	78.6	79.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3500	76.7	80.3	81.4	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3000	79.9	83.5	84.6	85.4	86.5	86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2500	81.4	85.0	86.0	86.9	87.9	88.2	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	83.3	86.9	88.2	89.0	90.1	90.5	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1800	83.5	87.1	88.4	89.2	90.3	90.7	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1500	84.6	88.2	89.4	90.3	91.3	91.8	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1200	84.8	88.4	89.6	90.7	92.2	92.8	93.9	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3
GE 1000	84.8	88.4	89.6	90.9	92.4	93.0	94.1	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5
GE 900	84.8	88.4	89.6	90.9	92.6	93.2	94.3	95.1	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6
GE 800	84.8	88.4	89.6	91.1	92.8	93.9	94.9	95.8	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	84.8	88.4	89.6	91.1	94.1	95.3	97.0	97.9	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	84.8	88.4	89.6	91.1	94.1	95.3	97.5	98.3	98.3	98.9	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	84.8	88.4	89.6	91.1	94.7	96.0	98.1	98.9	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	84.8	88.4	89.6	91.1	94.7	96.0	98.1	98.9	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	84.8	88.4	89.6	91.1	94.7	96.0	98.1	98.9	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	84.8	88.4	89.6	91.1	94.7	96.0	98.1	98.9	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	84.8	88.4	89.6	91.1	94.7	96.0	98.1	98.9	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	84.8	88.4	89.6	91.1	94.7	96.0	98.1	98.9	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 473

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.3	54.3	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 20000	57.7	59.7	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 18000	57.9	59.9	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 16000	57.9	59.9	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 14000	58.6	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 12000	59.2	61.2	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 10000	63.3	66.1	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 9000	63.9	66.8	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 8000	68.2	71.0	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 7000	69.3	72.2	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 6000	70.8	74.2	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 5000	73.3	76.6	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	74.4	78.2	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4000	76.6	80.6	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3500	78.8	82.9	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	80.0	84.4	87.3	88.2	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2500	81.7	86.2	89.1	90.0	90.9	90.9	91.1	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000	82.4	86.9	89.8	90.6	91.8	92.2	92.9	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1800	82.4	86.9	89.8	90.6	91.8	92.2	92.9	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1500	83.1	87.5	90.4	91.3	92.4	92.9	93.5	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	83.1	87.5	90.4	91.3	92.9	93.3	94.0	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	83.1	87.5	90.4	92.0	94.2	94.7	95.3	95.8	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	83.1	87.5	90.4	92.0	94.2	94.7	95.3	96.4	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	83.1	87.5	90.6	92.2	94.4	94.9	95.5	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	83.1	87.5	90.6	92.4	95.1	95.5	96.2	97.3	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	83.1	87.5	90.9	92.7	95.5	96.0	96.9	98.4	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	83.1	87.5	91.1	92.9	96.0	96.4	97.3	98.9	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	83.1	87.5	91.1	92.9	96.0	96.4	97.3	98.9	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	83.1	87.5	91.1	92.9	96.0	96.4	97.3	98.9	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	83.1	87.5	91.1	92.9	96.0	96.4	97.3	98.9	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.1	87.5	91.1	92.9	96.0	96.4	97.3	98.9	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.1	87.5	91.1	92.9	96.0	96.4	97.3	98.9	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 449

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.9	46.8	47.4	47.7	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 20000	50.3	51.3	52.1	52.5	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 18000	50.6	51.6	52.3	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 16000	50.6	51.6	52.4	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 14000	51.3	52.3	53.0	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 12000	51.8	52.8	53.6	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 10000	55.3	56.5	57.3	58.0	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 9000	55.4	56.7	57.5	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 8000	59.3	60.7	61.6	62.2	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 7000	60.7	62.3	63.1	63.8	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 6000	62.3	64.0	64.9	65.6	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 5000	64.7	66.5	67.5	68.3	68.6	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 4500	66.2	68.1	69.1	69.9	70.2	70.4	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4000	69.5	71.6	72.9	73.8	74.2	74.3	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 3500	72.2	74.5	76.0	77.0	77.5	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 3000	75.9	78.3	79.9	81.2	82.0	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 2500	77.3	79.8	81.5	82.8	83.8	84.0	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2000	78.6	81.1	82.8	84.2	85.3	85.7	86.1	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5
GE 1800	78.7	81.1	82.9	84.3	85.4	85.9	86.3	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7
GE 1500	79.5	82.1	83.9	85.4	86.8	87.4	87.8	88.1	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4
GE 1200	79.7	82.3	84.3	85.9	87.6	88.2	89.1	89.3	89.4	89.7	89.8	89.8	89.9	89.9	89.9	89.9
GE 1000	80.0	82.6	84.8	86.7	88.8	89.5	90.5	90.8	90.9	91.4	91.7	91.7	91.8	91.8	91.8	91.8
GE 900	80.0	82.7	84.9	86.9	89.1	90.0	91.0	91.5	91.7	92.2	92.6	92.6	92.7	92.7	92.7	92.7
GE 800	80.0	82.7	85.0	87.1	89.4	90.5	91.6	92.3	92.5	93.1	93.6	93.6	93.7	93.7	93.7	93.7
GE 700	80.0	82.8	85.3	87.4	90.5	91.7	93.0	93.8	94.0	94.7	95.3	95.4	95.6	95.6	95.7	95.7
GE 600	80.1	82.8	85.3	87.5	90.8	92.0	93.5	94.5	94.7	95.7	96.4	96.6	96.9	96.9	97.0	97.1
GE 500	80.1	82.8	85.4	87.6	91.0	92.3	93.9	95.0	95.3	96.5	97.2	97.5	97.9	98.0	98.2	98.3
GE 400	80.1	82.8	85.4	87.6	91.1	92.3	93.9	95.1	95.4	96.9	97.9	98.1	98.7	98.8	99.0	99.2
GE 300	80.1	82.8	85.4	87.6	91.1	92.3	93.9	95.2	95.5	97.1	98.1	98.4	99.2	99.4	99.6	99.8
GE 200	80.1	82.8	85.4	87.6	91.1	92.3	93.9	95.3	95.5	97.1	98.2	98.5	99.4	99.6	99.8	100.0
GE 100	80.1	82.8	85.4	87.6	91.1	92.3	93.9	95.3	95.5	97.1	98.2	98.5	99.4	99.6	99.8	100.0
GE 000	80.1	82.8	85.4	87.6	91.1	92.3	93.9	95.3	95.5	97.1	98.2	98.5	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3818

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 20000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 18000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 16000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 14000	51.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 12000	51.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 10000	55.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 9000	57.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 8000	59.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 7000	59.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 6000	61.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 5000	69.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 4500	69.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 4000	75.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3500	75.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3000	79.6	83.7	83.7	83.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2500	83.7	87.8	87.8	87.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2000	85.7	89.8	91.8	91.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	95.9	95.9	95.9
GE 1800	85.7	89.8	91.8	91.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	95.9	95.9	95.9
GE 1500	85.7	89.8	91.8	91.8	93.9	93.9	93.9	93.9	93.9	93.9	95.9	95.9	95.9	98.0	98.0	98.0
GE 1200	85.7	89.8	91.8	91.8	93.9	93.9	93.9	93.9	93.9	93.9	95.9	95.9	95.9	98.0	98.0	98.0
GE 1000	85.7	89.8	91.8	91.8	93.9	93.9	93.9	93.9	93.9	93.9	95.9	95.9	95.9	98.0	98.0	98.0
GE 900	85.7	89.8	91.8	91.8	93.9	93.9	93.9	93.9	93.9	93.9	95.9	95.9	95.9	98.0	98.0	98.0
GE 800	87.8	91.8	93.9	93.9	95.9	95.9	95.9	95.9	95.9	95.9	98.0	98.0	98.0	100.0	100.0	100.0
GE 700	87.8	91.8	93.9	93.9	95.9	95.9	95.9	95.9	95.9	95.9	98.0	98.0	98.0	100.0	100.0	100.0
GE 600	87.8	91.8	93.9	93.9	95.9	95.9	95.9	95.9	95.9	95.9	98.0	98.0	98.0	100.0	100.0	100.0
GE 500	87.8	91.8	93.9	93.9	95.9	95.9	95.9	95.9	95.9	95.9	98.0	98.0	98.0	100.0	100.0	100.0
GE 400	87.8	91.8	93.9	93.9	95.9	95.9	95.9	95.9	95.9	95.9	98.0	98.0	98.0	100.0	100.0	100.0
GE 300	87.8	91.8	93.9	93.9	95.9	95.9	95.9	95.9	95.9	95.9	98.0	98.0	98.0	100.0	100.0	100.0
GE 200	87.8	91.8	93.9	93.9	95.9	95.9	95.9	95.9	95.9	95.9	98.0	98.0	98.0	100.0	100.0	100.0
GE 100	87.8	91.8	93.9	93.9	95.9	95.9	95.9	95.9	95.9	95.9	98.0	98.0	98.0	100.0	100.0	100.0
GE 000	87.8	91.8	93.9	93.9	95.9	95.9	95.9	95.9	95.9	95.9	98.0	98.0	98.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 49

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.6	42.6	43.1	43.6	44.2	44.2	44.2	44.4	44.7	44.7	44.9	44.9	44.9	44.9	44.9	44.9
GE 20000	44.2	45.5	46.0	46.8	47.3	47.8	47.8	48.3	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8
GE 18000	44.7	46.0	46.5	47.3	47.8	48.3	48.3	48.8	49.1	49.1	49.4	49.4	49.4	49.4	49.4	49.4
GE 16000	44.7	46.0	46.5	47.3	47.8	48.3	48.3	48.8	49.1	49.1	49.4	49.4	49.4	49.4	49.4	49.4
GE 14000	46.2	47.8	48.3	49.1	49.6	50.1	50.1	50.6	50.9	51.2	51.7	51.7	51.7	51.7	51.7	51.7
GE 12000	46.8	48.3	48.8	49.9	50.4	50.9	50.9	51.4	51.7	51.9	52.5	52.5	52.5	52.5	52.5	52.5
GE 10000	49.6	51.2	52.2	53.2	53.8	54.3	54.3	54.8	55.1	55.3	55.8	55.8	55.8	55.8	55.8	55.8
GE 9000	49.6	51.2	52.2	53.2	53.8	54.3	54.3	54.8	55.1	55.3	55.8	55.8	55.8	55.8	55.8	55.8
GE 8000	54.0	55.8	56.9	58.2	58.7	59.2	59.2	59.7	60.0	60.3	60.8	60.8	60.8	60.8	60.8	60.8
GE 7000	54.5	56.4	57.4	58.7	59.2	59.7	59.7	60.3	60.5	60.8	61.3	61.3	61.3	61.3	61.3	61.3
GE 6000	56.6	58.4	59.5	61.0	61.6	62.1	62.1	62.6	62.9	63.1	63.6	63.6	63.6	63.6	63.6	63.6
GE 5000	59.0	61.0	62.1	63.9	64.4	64.9	64.9	65.5	65.7	66.0	66.5	66.5	66.5	66.5	66.5	66.5
GE 4500	60.5	62.6	63.6	65.5	66.2	67.0	67.0	67.5	67.8	68.1	68.6	68.6	68.6	68.6	68.6	68.6
GE 4000	63.4	65.5	66.5	68.8	69.6	70.4	70.4	70.9	71.2	71.4	71.9	71.9	71.9	71.9	71.9	71.9
GE 3500	65.7	67.8	68.8	71.2	72.2	73.0	73.0	73.5	73.8	74.0	74.5	74.5	74.5	74.5	74.5	74.5
GE 3000	68.8	71.2	72.5	75.1	76.1	76.9	76.9	77.4	77.7	77.9	78.4	78.4	78.4	78.4	78.4	78.4
GE 2500	70.4	72.7	74.0	76.9	78.2	79.2	79.2	79.7	80.0	80.3	80.8	80.8	80.8	80.8	80.8	80.8
GE 2000	71.7	74.3	76.1	79.2	81.3	83.1	83.1	83.6	83.9	84.2	84.7	84.7	84.7	84.7	84.7	84.7
GE 1800	71.9	74.5	76.4	79.5	81.6	83.4	83.4	83.9	84.2	84.4	84.9	84.9	84.9	84.9	84.9	84.9
GE 1500	72.7	75.3	77.7	81.0	83.6	85.7	85.7	86.2	86.5	86.8	87.3	87.3	87.3	87.3	87.3	87.3
GE 1200	72.7	75.3	78.7	82.3	85.2	87.3	87.3	87.8	88.1	88.3	88.8	88.8	88.8	88.8	88.8	88.8
GE 1000	72.7	75.3	78.7	82.9	86.5	88.6	88.8	89.6	89.9	90.1	90.6	90.6	90.6	90.6	90.6	90.6
GE 900	72.7	75.3	79.0	83.4	87.3	89.4	89.6	90.4	90.6	91.4	91.9	91.9	91.9	91.9	91.9	91.9
GE 800	72.7	75.3	79.0	83.6	87.8	89.9	90.4	91.2	91.4	92.2	92.7	92.7	93.0	93.0	93.0	93.0
GE 700	72.7	75.3	79.2	83.9	88.8	90.9	91.7	92.5	92.7	93.5	94.5	94.5	94.8	94.8	94.8	94.8
GE 600	72.7	75.3	79.2	83.9	89.1	91.2	91.9	93.0	93.2	94.0	95.1	95.3	96.1	96.1	96.4	96.4
GE 500	72.7	75.3	79.2	83.9	89.1	91.4	92.2	93.5	93.8	95.6	96.6	96.9	97.9	97.9	98.2	98.4
GE 400	72.7	75.3	79.2	83.9	89.1	91.4	92.2	93.5	93.8	96.1	97.4	97.7	98.7	98.7	99.2	99.5
GE 300	72.7	75.3	79.2	83.9	89.1	91.4	92.2	93.5	93.8	96.1	97.4	97.7	99.0	99.0	99.5	99.7
GE 200	72.7	75.3	79.2	83.9	89.1	91.4	92.2	93.5	93.8	96.1	97.7	97.9	99.2	99.2	99.7	100.0
GE 100	72.7	75.3	79.2	83.9	89.1	91.4	92.2	93.5	93.8	96.1	97.7	97.9	99.2	99.2	99.7	100.0
GE 000	72.7	75.3	79.2	83.9	89.1	91.4	92.2	93.5	93.8	96.1	97.7	97.9	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 385

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.0	41.6	42.1	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 20000	43.8	44.9	45.5	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 18000	44.4	45.5	46.1	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 16000	44.4	45.5	46.1	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 14000	45.3	46.8	47.4	48.2	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 12000	46.4	47.8	48.4	49.4	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 10000	50.1	51.7	52.4	53.3	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 9000	50.1	51.7	52.4	53.3	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 8000	53.6	55.1	56.0	56.9	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 7000	54.3	55.9	56.7	57.9	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 6000	55.6	57.2	58.0	59.4	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 5000	58.1	59.7	61.1	62.7	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 4500	59.8	61.4	62.8	64.4	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 4000	61.8	63.5	65.1	66.7	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 3500	64.7	66.5	68.2	69.9	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 3000	71.2	73.2	75.4	77.3	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2500	73.2	75.2	77.5	79.5	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 2000	75.2	77.3	80.0	82.2	84.4	84.6	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1800	75.5	77.5	80.3	82.4	84.7	84.8	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1500	76.3	78.6	81.7	84.0	86.8	87.0	87.8	87.9	87.9	87.9	88.4	88.4	88.4	88.4	88.4	88.4
GE 1200	76.4	79.3	82.8	85.2	88.8	88.9	89.7	89.8	89.8	89.8	90.3	90.3	90.3	90.3	90.3	90.3
GE 1000	76.4	80.0	83.5	85.9	89.7	89.8	90.7	90.9	90.9	91.0	91.7	91.7	91.7	91.7	91.7	91.7
GE 900	77.2	80.3	83.7	86.1	90.1	90.3	91.5	91.7	91.7	92.1	92.9	92.9	92.9	92.9	92.9	92.9
GE 800	77.2	80.3	83.7	86.2	90.5	90.8	92.1	92.6	92.6	93.2	94.0	94.0	94.1	94.1	94.1	94.1
GE 700	77.2	80.3	83.7	86.4	91.3	91.7	93.1	93.7	93.7	94.4	95.2	95.2	95.3	95.3	95.3	95.3
GE 600	77.2	80.4	83.9	86.5	91.5	92.1	93.7	94.3	94.4	95.6	96.4	96.7	97.4	97.4	97.4	97.4
GE 500	77.2	80.4	83.9	86.6	91.6	92.3	94.4	95.2	95.3	96.8	97.8	98.1	98.9	98.9	99.0	99.0
GE 400	77.2	80.4	83.9	86.6	91.6	92.3	94.4	95.2	95.3	96.8	98.0	98.3	99.3	99.3	99.8	99.8
GE 300	77.2	80.4	83.9	86.6	91.6	92.3	94.4	95.2	95.3	96.8	98.0	98.3	99.5	99.5	100.0	100.0
GE 200	77.2	80.4	83.9	86.6	91.6	92.3	94.4	95.2	95.3	96.8	98.0	98.3	99.5	99.5	100.0	100.0
GE 100	77.2	80.4	83.9	86.6	91.6	92.3	94.4	95.2	95.3	96.8	98.0	98.3	99.5	99.5	100.0	100.0
GE 000	77.2	80.4	83.9	86.6	91.6	92.3	94.4	95.2	95.3	96.8	98.0	98.3	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 836

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.7	41.9	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 20000	46.5	47.0	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 18000	47.1	47.6	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 16000	47.1	47.6	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 14000	47.6	48.7	49.3	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 12000	48.8	49.9	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 10000	52.5	53.6	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 9000	52.6	53.7	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 8000	56.1	57.4	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 7000	56.7	58.0	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 6000	58.6	60.0	60.8	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 5000	62.6	62.2	63.4	64.0	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 4500	62.1	63.7	65.0	65.6	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 4000	66.7	68.3	69.7	70.4	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 3500	70.4	71.9	73.5	74.1	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 3000	76.4	78.1	80.1	80.9	81.3	81.4	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
GE 2500	78.9	80.6	82.6	83.6	84.0	84.1	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 2000	80.8	83.0	85.1	86.3	86.9	87.0	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
GE 1800	81.3	83.5	85.5	86.8	87.6	87.7	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
GE 1500	81.7	84.1	86.5	87.8	89.4	89.7	90.2	90.4	90.4	90.5	90.8	90.8	90.8	90.8	90.8	90.8
GE 1200	82.5	85.1	87.5	89.3	91.4	91.7	92.3	92.6	92.6	92.7	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000	83.0	85.8	88.3	90.3	93.3	93.7	94.3	94.5	94.5	94.8	95.0	95.0	95.0	95.0	95.0	95.0
GE 900	83.0	86.0	88.8	90.9	93.9	94.3	95.0	95.4	95.4	95.7	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	83.0	86.0	88.8	90.9	93.9	94.5	95.7	96.5	96.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	83.0	86.0	88.8	90.9	93.9	94.5	96.0	96.7	96.7	97.1	97.8	97.8	97.8	97.9	97.9	97.9
GE 600	83.0	86.0	88.8	90.9	93.9	94.5	96.0	96.8	97.1	97.8	98.5	98.5	98.7	98.7	98.7	98.7
GE 500	83.0	86.1	88.9	91.1	94.2	94.8	96.6	97.4	97.7	98.5	99.4	99.4	99.9	100.0	100.0	100.0
GE 400	83.0	86.1	88.9	91.1	94.2	94.8	96.6	97.4	97.7	98.5	99.4	99.4	99.9	100.0	100.0	100.0
GE 300	83.0	86.1	88.9	91.1	94.2	94.8	96.6	97.4	97.7	98.5	99.4	99.4	99.9	100.0	100.0	100.0
GE 200	83.0	86.1	88.9	91.1	94.2	94.8	96.6	97.4	97.7	98.5	99.4	99.4	99.9	100.0	100.0	100.0
GE 100	83.0	86.1	88.9	91.1	94.2	94.8	96.6	97.4	97.7	98.5	99.4	99.4	99.9	100.0	100.0	100.0
GE 000	83.0	86.1	88.9	91.1	94.2	94.8	96.6	97.4	97.7	98.5	99.4	99.4	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 823

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 79
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.7	3.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 20000	47.8	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 18000	49.0	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 16000	49.0	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 14000	50.1	50.8	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 12000	51.3	52.0	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 10000	54.7	55.5	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 9000	54.9	55.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 8000	57.7	58.5	59.2	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 7000	58.2	58.9	59.7	59.8	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 6000	60.3	61.2	62.1	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 5000	65.5	66.7	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4500	67.8	69.1	70.9	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 4000	71.7	73.0	74.8	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3500	74.2	75.7	77.7	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3000	79.8	82.0	84.1	85.0	85.3	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2500	81.4	84.1	86.4	87.4	87.7	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000	83.1	86.1	88.9	90.0	90.3	90.4	90.6	90.7	90.7	90.7	90.9	90.9	90.9	91.0	91.0	91.0
GE 1800	83.2	86.2	89.1	90.1	90.4	90.6	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.5	91.5	91.5
GE 1500	83.7	87.0	89.8	91.0	91.8	92.2	92.8	93.1	93.1	93.3	93.4	93.4	93.4	93.6	93.6	93.6
GE 1200	83.7	87.1	90.0	91.3	92.7	93.4	94.0	94.3	94.3	94.5	94.6	94.6	94.6	94.8	94.8	94.8
GE 1000	84.4	88.0	90.9	92.2	93.9	94.8	95.4	95.8	95.8	96.1	96.3	96.3	96.3	96.4	96.4	96.4
GE 900	84.4	88.2	91.0	92.4	94.2	95.5	96.1	96.7	96.7	97.0	97.3	97.3	97.3	97.5	97.5	97.5
GE 800	84.4	88.2	91.0	92.4	94.2	95.8	96.4	97.2	97.2	97.5	97.8	97.8	97.8	97.9	97.9	97.9
GE 700	84.4	88.2	91.0	92.5	94.5	96.3	97.5	98.4	98.4	98.7	99.0	99.0	99.0	99.1	99.1	99.1
GE 600	84.4	88.2	91.0	92.5	94.5	96.3	97.6	98.5	98.5	99.1	99.4	99.4	99.7	99.9	99.9	99.9
GE 500	84.4	88.2	91.0	92.5	94.5	96.3	97.6	98.5	98.5	99.1	99.4	99.4	99.9	100.0	100.0	100.0
GE 400	84.4	88.2	91.0	92.5	94.5	96.3	97.6	98.5	98.5	99.1	99.4	99.4	99.9	100.0	100.0	100.0
GE 300	84.4	88.2	91.0	92.5	94.5	96.3	97.6	98.5	98.5	99.1	99.4	99.4	99.9	100.0	100.0	100.0
GE 200	84.4	88.2	91.0	92.5	94.5	96.3	97.6	98.5	98.5	99.1	99.4	99.4	99.9	100.0	100.0	100.0
GE 100	84.4	88.2	91.0	92.5	94.5	96.3	97.6	98.5	98.5	99.1	99.4	99.4	99.9	100.0	100.0	100.0
GE 000	84.4	88.2	91.0	92.5	94.5	96.3	97.6	98.5	98.5	99.1	99.4	99.4	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 667

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.7	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 20000	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 18000	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 16000	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 14000	56.1	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 12000	57.2	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 10000	61.1	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 9000	61.5	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 8000	65.4	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	65.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 6000	68.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 5000	72.0	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4500	72.6	74.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4000	76.1	77.8	78.3	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 3500	77.2	79.1	80.4	80.7	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 3000	82.6	84.8	86.5	86.7	86.7	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2500	83.7	86.1	88.5	88.7	88.9	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2000	86.1	88.7	91.7	92.2	92.6	92.8	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1800	86.1	88.7	92.2	92.6	93.0	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	86.5	89.3	92.8	93.3	94.1	94.3	95.0	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	86.5	89.3	92.8	93.3	94.3	95.0	95.7	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	86.5	89.3	92.8	93.3	94.3	95.0	95.9	96.3	96.3	97.0	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	86.7	89.6	93.0	93.5	95.0	95.7	96.7	97.2	97.2	98.0	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	87.2	90.0	93.5	93.9	95.4	96.1	97.6	98.0	98.0	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	87.2	90.0	93.5	93.9	95.4	96.3	97.8	98.5	98.5	99.3	99.6	99.6	99.8	99.8	99.8	99.8
GE 600	87.2	90.0	93.5	93.9	95.4	96.3	97.8	98.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 500	87.2	90.0	93.5	93.9	95.4	96.3	97.8	98.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	87.2	90.0	93.5	93.9	95.4	96.3	97.8	98.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	87.2	90.0	93.5	93.9	95.4	96.3	97.8	98.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	87.2	90.0	93.5	93.9	95.4	96.3	97.8	98.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	87.2	90.0	93.5	93.9	95.4	96.3	97.8	98.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	87.2	90.0	93.5	93.9	95.4	96.3	97.8	98.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 460

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.0	50.2	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 20000	55.6	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 18000	55.9	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 16000	55.9	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 14000	55.9	56.8	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 12000	57.0	58.0	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 10000	61.0	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 9000	62.0	62.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 8000	65.5	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 7000	67.1	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 6000	68.3	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 5000	72.1	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4500	73.0	74.9	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4000	78.4	81.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 3500	80.3	82.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 3000	83.6	86.6	87.8	87.8	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 2500	84.7	87.8	89.7	90.1	90.4	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000	86.4	89.4	92.0	93.2	93.4	93.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1800	86.4	89.4	92.0	93.2	93.4	93.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1500	86.4	89.7	92.5	93.9	94.6	94.6	95.5	95.5	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	86.6	89.9	93.0	94.6	95.3	95.3	96.2	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	86.6	89.9	93.2	94.8	95.5	95.5	96.5	96.5	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	86.6	89.9	93.4	95.3	96.0	96.0	96.9	96.9	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	87.3	90.6	94.1	96.5	97.2	97.2	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	87.3	90.6	94.1	96.5	97.2	97.2	98.4	98.4	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	87.3	90.6	94.1	96.5	97.2	97.2	98.4	98.4	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	87.3	90.6	94.1	96.5	97.2	97.2	98.4	98.8	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	87.3	90.6	94.1	96.5	97.2	97.2	98.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	87.3	90.6	94.1	96.5	97.2	97.2	98.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.3	90.6	94.1	96.5	97.2	97.2	98.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.3	90.6	94.1	96.5	97.2	97.2	98.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.3	90.6	94.1	96.5	97.2	97.2	98.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 426

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.6	44.1	44.5	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8
GE 20000	48.1	48.8	49.2	49.5	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 18000	48.8	49.5	49.9	50.2	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 16000	48.8	49.5	49.9	50.2	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 14000	49.5	50.5	51.0	51.3	51.5	51.5	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 12000	50.5	51.6	52.1	52.4	52.6	52.7	52.7	52.7	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9
GE 10000	54.2	55.3	55.9	56.2	56.4	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 9000	54.4	55.5	56.1	56.5	56.7	56.7	56.7	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 8000	57.9	59.3	60.0	60.4	60.6	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 7000	58.6	60.0	60.6	61.1	61.3	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
GE 6000	60.4	61.8	62.5	63.1	63.3	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6
GE 5000	63.7	65.2	66.4	67.1	67.3	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 4500	65.1	66.8	68.0	68.7	69.0	69.1	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4
GE 4000	68.8	70.6	71.9	72.7	73.0	73.1	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
GE 3500	71.4	73.2	74.7	75.6	75.9	76.0	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
GE 3000	76.7	78.9	80.7	81.8	82.4	82.5	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	78.5	80.8	82.9	84.1	84.8	85.0	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 2000	80.4	82.9	85.4	86.9	87.9	88.2	88.7	88.8	88.8	88.9	89.0	89.0	89.0	89.1	89.1	89.1
GE 1800	80.6	83.1	85.7	87.2	88.3	88.6	89.1	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4
GE 1500	81.1	83.8	86.6	88.3	89.9	90.3	90.9	91.1	91.1	91.4	91.7	91.7	91.7	91.7	91.7	91.7
GE 1200	81.3	84.3	87.3	89.1	91.2	91.8	92.4	92.6	92.7	93.0	93.2	93.2	93.2	93.3	93.3	93.3
GE 1000	81.7	84.8	87.8	89.8	92.3	92.8	93.5	93.9	93.9	94.3	94.6	94.6	94.6	94.7	94.7	94.7
GE 900	81.8	84.9	88.1	90.1	92.8	93.4	94.3	94.7	94.7	95.2	95.6	95.6	95.7	95.7	95.7	95.7
GE 800	81.9	85.1	88.3	90.4	93.1	93.9	95.0	95.5	95.6	96.2	96.6	96.6	96.7	96.7	96.7	96.7
GE 700	81.9	85.1	88.3	90.5	93.5	94.4	95.6	96.3	96.3	96.9	97.5	97.5	97.6	97.6	97.6	97.6
GE 600	81.9	85.1	88.3	90.5	93.6	94.5	95.8	96.5	96.7	97.5	98.1	98.2	98.5	98.6	98.6	98.6
GE 500	81.9	85.1	88.4	90.6	93.6	94.6	96.2	97.0	97.1	98.2	98.8	98.9	99.5	99.5	99.6	99.6
GE 400	81.9	85.1	88.4	90.6	93.6	94.6	96.2	97.0	97.1	98.3	99.0	99.1	99.6	99.7	99.9	99.9
GE 300	81.9	85.1	88.4	90.6	93.6	94.6	96.2	97.0	97.1	98.3	99.0	99.1	99.7	99.8	99.9	100.0
GE 200	81.9	85.1	88.4	90.6	93.6	94.6	96.2	97.0	97.1	98.3	99.0	99.1	99.8	99.8	100.0	100.0
GE 100	81.9	85.1	88.4	90.6	93.6	94.6	96.2	97.0	97.1	98.3	99.0	99.1	99.8	99.8	100.0	100.0
GE 000	81.9	85.1	88.4	90.6	93.6	94.6	96.2	97.0	97.1	98.3	99.0	99.1	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3646

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.1	40.4	42.4	42.7	43.6	44.5	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.1
GE 20000	42.0	43.3	45.3	45.8	46.7	47.6	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.2	48.2
GE 18000	42.0	43.3	45.3	45.8	46.7	47.6	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.2	48.2
GE 16000	42.0	43.3	45.3	45.8	46.7	47.6	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.2	48.2
GE 14000	42.2	43.6	45.8	46.4	47.3	48.2	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7
GE 12000	42.5	44.2	46.9	48.0	48.9	49.8	50.0	50.2	50.2	50.2	50.5	50.5	50.5	50.5	50.7	50.7
GE 10000	45.6	48.0	50.7	52.2	53.3	54.2	54.4	54.5	54.5	54.5	54.9	54.9	54.9	54.9	55.1	55.1
GE 9000	46.4	48.7	51.5	52.9	54.0	54.9	55.1	55.3	55.3	55.3	55.6	55.6	55.6	55.6	55.8	55.8
GE 8000	48.2	50.9	53.6	55.1	56.5	57.5	57.6	58.2	58.4	58.5	58.9	58.9	58.9	58.9	59.1	59.1
GE 7000	49.3	52.5	55.3	56.7	58.2	59.3	59.6	60.2	60.4	60.9	61.3	61.3	61.3	61.3	61.5	61.5
GE 6000	50.9	54.4	57.5	58.9	60.4	61.5	62.2	62.7	62.9	63.5	63.8	63.8	63.8	63.8	64.0	64.0
GE 5000	53.8	57.3	60.5	62.0	63.5	64.5	65.6	66.5	66.7	67.3	67.6	67.6	67.6	67.6	67.8	67.8
GE 4500	54.7	58.2	61.5	63.1	64.5	65.6	66.7	67.6	67.8	68.4	68.9	68.9	68.9	68.9	69.1	69.1
GE 4000	57.3	60.9	64.4	66.0	68.0	69.1	70.4	71.6	71.8	72.4	72.9	72.9	72.9	72.9	73.1	73.1
GE 3500	58.5	62.4	65.8	67.5	69.5	70.5	71.8	73.1	73.3	73.8	74.4	74.4	74.4	74.4	74.5	74.5
GE 3000	59.1	63.3	66.7	68.7	71.1	72.2	73.5	74.7	74.9	75.5	76.0	76.0	76.0	76.0	76.2	76.2
GE 2500	60.2	64.4	68.0	70.0	72.9	74.0	75.5	76.7	76.9	77.5	78.0	78.0	78.0	78.0	78.2	78.2
GE 2000	61.5	65.6	69.6	71.8	74.9	76.4	77.8	79.1	79.3	79.8	80.4	80.4	80.4	80.4	80.5	80.5
GE 1800	61.5	65.6	69.6	71.8	74.9	76.4	77.8	79.1	79.3	79.8	80.4	80.4	80.4	80.4	80.5	80.5
GE 1500	61.6	66.0	70.0	72.2	75.3	77.1	78.9	80.2	80.4	80.9	81.6	81.6	81.6	81.6	81.8	81.8
GE 1200	62.4	66.9	70.9	73.1	76.2	78.2	80.5	82.2	82.4	83.1	83.8	84.0	84.0	84.0	84.2	84.2
GE 1000	62.7	67.3	71.3	73.8	77.5	79.6	82.4	84.0	84.2	85.1	86.0	86.2	86.2	86.2	86.4	86.4
GE 900	62.7	67.3	71.3	73.8	77.6	79.8	82.5	84.2	84.4	85.5	86.4	86.5	86.7	86.7	86.9	86.9
GE 800	62.7	67.5	71.5	74.0	77.8	80.2	82.9	84.9	85.3	87.1	88.0	88.2	88.4	88.4	88.5	88.5
GE 700	62.9	67.6	71.6	74.4	78.2	80.5	83.5	86.0	86.5	88.7	89.8	90.0	90.2	90.2	90.4	90.4
GE 600	62.9	67.8	71.8	74.5	78.5	81.1	84.4	86.9	87.6	90.7	92.5	92.7	93.3	93.5	93.6	93.6
GE 500	62.9	67.8	71.8	74.5	78.9	81.5	84.7	87.3	88.0	91.8	93.8	94.0	94.7	94.9	95.1	95.1
GE 400	62.9	67.8	71.8	74.5	78.9	81.6	84.9	87.5	88.2	92.2	94.7	95.1	95.8	96.0	96.4	96.4
GE 300	62.9	67.8	71.8	74.5	78.9	81.6	84.9	87.5	88.4	92.7	96.0	96.4	97.1	97.3	98.0	98.2
GE 200	62.9	67.8	71.8	74.5	78.9	81.6	84.9	87.5	88.4	92.7	96.4	96.9	98.5	98.7	99.5	99.8
GE 100	62.9	67.8	71.8	74.5	78.9	81.6	84.9	87.5	88.4	92.7	96.4	96.9	98.5	98.7	99.5	99.8
GE 000	62.9	67.8	71.8	74.5	78.9	81.6	84.9	87.5	88.4	92.7	96.4	96.9	98.5	98.7	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 550

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.6	44.2	46.3	46.4	47.0	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 20000	46.5	48.4	50.7	50.9	51.5	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 18000	46.7	48.5	50.8	51.0	51.6	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 16000	46.8	48.7	51.0	51.3	51.9	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 14000	47.1	49.2	51.5	51.8	52.4	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 12000	47.6	50.3	52.7	53.3	54.0	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 10000	49.6	52.7	55.2	55.9	56.5	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 9000	50.3	53.5	55.9	56.6	57.2	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 8000	52.1	55.4	58.0	59.0	59.7	60.3	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 7000	54.4	57.7	60.3	61.4	62.1	62.7	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 6000	55.4	59.0	61.8	63.0	63.8	64.4	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 5000	58.2	61.8	65.2	66.6	67.7	68.3	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 4500	59.7	63.3	66.7	68.5	69.5	70.2	70.6	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4000	61.8	65.8	69.2	70.9	72.6	73.2	73.9	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3500	63.5	67.6	71.0	72.7	74.4	75.0	75.8	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 3000	65.2	69.5	73.3	75.3	77.5	78.2	78.9	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2500	65.0	70.3	74.7	76.7	79.0	79.9	80.6	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 2000	67.2	71.9	76.9	79.0	81.4	82.3	83.1	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1800	67.5	72.4	77.3	79.5	81.9	82.8	83.6	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1500	67.8	73.2	78.2	81.0	83.7	84.7	85.5	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
GE 1200	68.5	74.2	79.2	82.7	85.5	86.7	88.2	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1000	69.1	75.0	80.0	84.0	87.6	88.8	90.3	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 900	69.2	75.2	80.1	84.3	88.1	89.3	90.9	92.0	92.1	92.3	92.6	92.6	92.6	92.6	92.6	92.6
GE 800	69.2	75.3	80.4	84.7	88.7	90.0	91.6	92.7	92.8	93.1	93.5	93.5	93.5	93.5	93.5	93.5
GE 700	69.2	75.3	80.4	84.7	89.3	90.7	92.6	93.7	93.8	94.3	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	69.2	75.3	80.4	84.7	89.4	91.0	93.1	94.2	94.3	95.4	96.6	96.6	96.7	96.7	96.7	96.7
GE 500	69.2	75.3	80.4	84.7	89.5	91.1	93.3	94.4	94.9	96.7	97.9	98.1	98.2	98.2	98.2	98.2
GE 400	69.3	75.4	80.5	84.8	89.6	91.2	93.4	94.6	95.2	97.6	99.0	99.1	99.3	99.3	99.3	99.3
GE 300	69.3	75.4	80.5	84.8	89.6	91.2	93.4	94.6	95.2	97.6	99.5	99.6	99.8	99.8	99.8	99.8
GE 200	69.3	75.4	80.5	84.8	89.6	91.2	93.4	94.6	95.2	97.6	99.8	99.9	100.0	100.0	100.0	100.0
GE 100	69.3	75.4	80.5	84.8	89.6	91.2	93.4	94.6	95.2	97.6	99.8	99.9	100.0	100.0	100.0	100.0
GE 000	69.3	75.4	80.5	84.8	89.6	91.2	93.4	94.6	95.2	97.6	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 821

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.8	44.0	45.0	45.2	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 20000	48.0	50.2	51.5	51.7	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 18000	48.2	50.4	51.6	51.8	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 16000	48.2	50.4	51.6	51.8	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 14000	48.5	50.7	52.0	52.2	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 12000	48.9	51.2	52.7	53.1	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 10000	51.5	54.2	55.8	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 9000	51.7	54.4	56.1	56.6	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 8000	55.0	58.0	59.9	60.4	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 7000	56.4	59.3	61.5	62.1	62.7	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 6000	57.5	60.7	62.9	63.7	64.3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 5000	60.9	64.6	67.4	68.5	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 4500	63.0	66.8	69.6	70.8	71.6	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4000	67.0	71.4	74.5	75.9	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	68.3	72.7	75.9	77.3	78.2	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3000	72.4	77.2	80.8	82.2	83.3	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500	73.3	78.4	82.1	83.6	85.5	86.3	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2000	75.1	80.3	84.2	85.8	88.0	88.8	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1800	75.4	80.5	84.4	86.0	88.2	89.1	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1500	75.9	81.1	85.3	87.4	89.8	90.7	91.3	91.3	91.4	91.4	91.4	91.9	91.9	91.9	91.9	91.9
GE 1200	76.1	81.4	85.8	88.4	90.9	91.8	92.6	92.6	92.8	92.8	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	76.7	82.5	87.0	89.8	92.5	93.5	94.4	94.4	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3
GE 900	76.8	82.6	87.1	90.0	93.0	94.1	95.0	95.0	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	76.8	82.7	87.3	90.1	93.8	95.0	96.3	96.3	96.7	96.9	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	76.8	82.7	87.3	90.3	94.0	95.3	96.7	96.7	97.2	97.4	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	76.8	82.8	87.4	90.4	94.1	95.6	97.1	97.1	97.5	97.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	76.8	82.8	87.5	90.6	94.2	95.7	97.2	97.2	97.7	98.2	99.3	99.5	99.5	99.5	99.5	99.5
GE 400	76.8	82.8	87.5	90.6	94.2	95.7	97.2	97.2	97.7	98.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 300	76.8	82.8	87.5	90.6	94.2	95.7	97.2	97.2	97.7	98.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 200	76.8	82.8	87.5	90.6	94.2	95.7	97.2	97.2	97.7	98.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 100	76.8	82.8	87.5	90.6	94.2	95.7	97.2	97.2	97.7	98.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 000	76.8	82.8	87.5	90.6	94.2	95.7	97.2	97.2	97.7	98.5	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 816

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.4	40.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 20000	45.4	47.2	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 18000	46.0	47.7	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 16000	46.0	47.7	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 14000	46.1	47.9	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 12000	46.7	48.4	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 10000	49.8	52.1	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 9000	50.0	52.3	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 8000	54.7	57.0	58.6	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 7000	55.6	58.1	59.8	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 6000	57.0	59.5	61.4	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 5000	61.4	64.4	66.5	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 4500	63.7	67.0	69.1	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4000	68.8	72.5	75.3	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3500	70.5	74.4	77.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3000	74.4	78.8	82.5	84.6	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2500	75.1	80.0	83.9	86.3	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2000	76.7	81.8	86.1	88.8	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1800	76.7	81.8	86.1	88.8	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1500	76.8	82.1	86.7	89.6	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1200	77.2	82.6	87.4	90.9	93.2	93.5	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000	78.1	83.5	88.2	92.1	94.7	95.1	95.4	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	78.2	84.0	88.8	92.8	95.4	95.8	96.3	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	78.2	84.2	88.9	93.0	96.0	96.5	97.2	97.9	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	78.2	84.4	89.1	93.3	96.5	97.2	98.1	98.8	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	78.2	84.4	89.1	93.3	96.5	97.2	98.1	98.8	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	78.2	84.4	89.1	93.5	96.8	97.5	98.4	99.1	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	78.2	84.4	89.1	93.5	96.8	97.5	98.4	99.1	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	78.2	84.4	89.1	93.5	96.8	97.5	98.4	99.1	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.2	84.4	89.1	93.5	96.8	97.5	98.4	99.1	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.2	84.4	89.1	93.5	96.8	97.5	98.4	99.1	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.2	84.4	89.1	93.5	96.8	97.5	98.4	99.1	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 570

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.5	44.5	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 20000	47.3	48.2	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	42.9	48.9	48.9	48.9	48.9	48.9
GE 18000	47.3	48.2	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 16000	47.3	48.2	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 14000	47.3	48.2	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 12000	47.8	48.7	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 10000	53.4	54.8	55.5	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 9000	53.4	54.8	55.5	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 8000	56.7	58.1	58.8	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 7000	58.6	60.2	60.9	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 6000	61.6	63.3	64.0	64.5	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 5000	64.0	66.1	67.5	68.7	69.2	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 4500	64.9	67.1	68.5	69.6	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4000	67.8	69.9	71.5	72.7	73.4	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 3500	69.2	72.0	74.1	75.3	76.0	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3000	74.6	77.9	81.2	83.3	84.0	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2500	75.3	78.6	82.4	84.9	85.6	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2000	76.2	79.5	83.5	86.8	88.0	88.5	88.9	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9
GE 1800	76.2	79.5	83.5	86.8	88.0	88.5	88.9	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500	76.5	80.0	84.0	87.3	88.5	89.2	90.1	90.8	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1
GE 1200	76.7	80.2	84.2	88.2	90.1	91.1	92.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	76.9	80.5	84.7	88.7	90.8	91.8	93.9	94.8	94.8	94.8	95.3	95.3	95.3	95.3	95.3	95.3
GE 900	76.9	80.5	84.7	88.7	90.8	91.8	94.1	95.1	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5
GE 800	76.9	80.5	85.2	89.4	91.5	92.7	95.1	96.0	96.0	96.0	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	76.9	80.5	85.6	90.1	92.2	93.4	96.7	97.6	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	76.9	80.5	85.6	90.1	92.2	93.4	96.7	97.6	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	76.9	80.5	85.6	90.1	92.2	93.4	96.9	98.4	98.4	98.4	99.1	99.1	99.5	99.5	99.5	99.5
GE 400	76.9	80.5	85.6	90.1	92.2	93.4	96.9	98.4	98.4	98.8	99.5	99.5	100.0	100.0	100.0	100.0
GE 300	76.9	80.5	85.6	90.1	92.2	93.4	96.9	98.4	98.4	98.8	99.5	99.5	100.0	100.0	100.0	100.0
GE 200	76.9	80.5	85.6	90.1	92.2	93.4	96.9	98.4	98.4	98.8	99.5	99.5	100.0	100.0	100.0	100.0
GE 100	76.9	80.5	85.6	90.1	92.2	93.4	96.9	98.4	98.4	98.8	99.5	99.5	100.0	100.0	100.0	100.0
GE 000	76.9	80.5	85.6	90.1	92.2	93.4	96.9	98.4	98.4	98.8	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 425

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.4	47.1	48.2	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 20000	46.5	48.2	49.9	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 18000	46.5	48.2	49.9	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 16000	46.5	48.2	49.9	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 14000	46.5	48.2	49.9	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 12000	46.5	48.2	49.9	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 10000	50.7	52.7	54.6	56.0	56.3	56.3	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 9000	50.7	52.7	54.6	56.0	56.3	56.3	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 8000	52.1	54.1	56.0	57.4	58.0	58.0	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 7000	54.1	56.0	58.0	59.4	59.9	59.9	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 6000	56.3	58.3	60.2	61.6	62.2	62.2	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 5000	59.7	61.9	64.4	65.8	66.4	67.2	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4500	60.5	63.6	66.1	67.5	68.1	68.9	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 4000	63.0	66.1	70.3	72.3	73.9	74.8	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3500	65.3	68.3	72.5	74.8	76.5	77.3	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 3000	69.2	73.1	78.2	82.9	85.7	86.6	87.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	69.7	73.7	79.0	84.0	86.8	87.7	88.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2000	69.7	73.7	80.4	86.0	89.4	90.2	91.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	69.7	73.7	80.7	86.3	89.6	90.5	91.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1500	69.7	73.7	81.0	86.8	90.5	91.3	93.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1200	69.7	73.7	81.0	86.8	90.8	91.9	93.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	70.3	74.5	81.8	87.7	91.6	92.7	94.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	70.3	74.8	82.4	88.5	92.4	93.6	95.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	70.3	74.8	82.6	88.8	93.0	94.1	95.8	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	70.3	74.8	82.6	88.8	93.0	94.1	95.8	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	70.3	74.8	82.6	88.8	93.0	94.1	96.4	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	70.3	74.8	82.6	88.8	93.0	94.1	96.6	98.3	98.3	98.3	98.6	98.6	99.2	99.2	99.2	99.2
GE 400	70.3	74.8	82.6	88.8	93.0	94.1	96.6	98.3	98.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0
GE 300	70.3	74.8	82.6	88.8	93.0	94.1	96.6	98.3	98.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0
GE 200	70.3	74.8	82.6	88.8	93.0	94.1	96.6	98.3	98.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0
GE 100	70.3	74.8	82.6	88.8	93.0	94.1	96.6	98.3	98.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0
GE 000	70.3	74.8	82.6	88.8	93.0	94.1	96.6	98.3	98.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 357

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.6	43.2	44.6	44.9	45.3	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7
GE 20000	46.1	47.8	49.3	49.7	50.1	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 18000	6.2	47.9	49.4	49.8	50.2	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 16000	46.3	48.0	49.5	49.9	50.3	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 14000	46.5	48.3	49.8	50.2	50.6	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 12000	46.9	48.9	50.6	51.2	51.6	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 10000	50.0	52.5	54.3	55.0	55.5	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1
GE 9000	50.4	52.8	54.7	55.4	55.9	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5
GE 8000	53.2	55.8	57.8	58.6	59.1	59.5	59.6	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0
GE 7000	54.7	57.5	59.6	60.5	61.1	61.5	61.7	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1
GE 6000	56.3	59.2	61.4	62.4	63.0	63.5	63.7	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1
GE 5000	59.5	62.7	65.4	66.6	67.4	67.9	68.3	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7
GE 4500	61.0	64.4	67.1	68.4	69.3	69.8	70.1	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6
GE 4000	64.3	67.9	71.0	72.5	73.7	74.2	74.7	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.3	75.3
GE 3500	65.8	69.7	72.9	74.4	75.6	76.2	76.6	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3
GE 3000	68.9	73.2	76.9	79.1	80.7	81.3	81.9	82.3	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6
GE 2500	69.7	74.1	78.2	80.5	82.5	83.1	83.7	84.2	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5
GE 2000	71.0	75.5	80.1	82.7	84.9	85.7	86.4	86.9	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3
GE 1800	71.1	75.7	80.3	82.9	85.1	85.9	86.6	87.1	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5
GE 1500	71.4	76.2	80.9	83.8	86.2	87.2	88.1	88.7	88.8	88.9	89.1	89.1	89.1	89.1	89.2	89.2
GE 1200	71.8	76.7	81.5	84.9	87.6	88.7	89.9	90.7	90.8	90.9	91.2	91.2	91.2	91.2	91.3	91.3
GE 1000	72.4	77.5	82.3	86.0	89.1	90.2	91.7	92.5	92.7	92.9	93.2	93.2	93.2	93.2	93.3	93.3
GE 900	72.4	77.7	82.5	86.3	89.5	90.7	92.2	93.1	93.2	93.4	93.9	93.9	93.9	93.9	94.0	94.0
GE 800	72.4	77.8	82.8	86.6	90.1	91.4	93.1	94.0	94.2	94.7	95.2	95.2	95.3	95.3	95.3	95.3
GE 700	72.5	77.8	82.9	86.8	90.5	91.9	93.8	94.9	95.1	95.7	96.3	96.3	96.4	96.4	96.4	96.4
GE 600	72.5	77.9	82.9	86.9	90.6	92.1	94.2	95.3	95.5	96.4	97.3	97.4	97.5	97.5	97.5	97.5
GE 500	72.5	77.9	83.0	86.9	90.8	92.3	94.5	95.6	95.9	97.1	98.1	98.2	98.5	98.5	98.6	98.6
GE 400	72.5	77.9	83.0	87.0	90.8	92.3	94.5	95.6	96.0	97.6	98.8	98.9	99.2	99.2	99.3	99.3
GE 300	72.5	77.9	83.0	87.0	90.8	92.3	94.5	95.6	96.0	97.7	99.1	99.2	99.5	99.5	99.6	99.7
GE 200	72.5	77.9	83.0	87.0	90.8	92.3	94.5	95.6	96.0	97.7	99.2	99.4	99.8	99.8	99.9	100.0
GE 100	72.5	77.9	83.0	87.0	90.8	92.3	94.5	95.6	96.0	97.7	99.2	99.4	99.8	99.8	99.9	100.0
GE 000	72.5	77.9	83.0	87.0	90.8	92.3	94.5	95.6	96.0	97.7	99.2	99.4	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3539

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUN HOURS: 00-02

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000																	
GE 4500																	
GE 4000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.2	44.2	47.3	49.3	51.3	51.6	53.8	54.4	54.9	55.5	55.5	55.5	55.7	55.7	55.7	55.8
GE 20000	44.9	48.4	52.4	54.9	57.1	57.7	60.2	60.8	61.3	61.9	61.9	61.9	62.0	62.0	62.0	62.2
GE 18000	45.6	49.1	53.1	55.7	57.8	58.4	60.9	61.5	62.0	62.6	62.6	62.6	62.8	62.8	62.8	63.0
GE 16000	45.6	49.1	53.1	55.7	57.8	58.4	60.9	61.5	62.0	62.6	62.6	62.6	62.8	62.8	62.8	63.0
GE 14000	46.2	49.8	53.8	56.4	58.6	59.1	61.7	62.2	62.8	63.3	63.3	63.3	63.5	63.5	63.5	63.7
GE 12000	46.4	50.0	54.0	56.8	59.1	59.7	62.2	62.8	63.3	63.9	63.9	63.9	64.1	64.1	64.1	64.2
GE 10000	48.4	52.2	56.8	59.7	62.2	63.1	66.4	67.0	67.5	68.1	68.1	68.1	68.4	68.4	68.4	68.6
GE 9000	48.4	52.4	56.9	59.9	62.4	63.3	66.6	67.2	67.7	68.2	68.2	68.2	68.6	68.6	68.6	68.8
GE 8000	49.8	54.2	58.8	61.9	64.6	65.7	69.2	69.9	70.4	71.2	71.2	71.2	71.5	71.5	71.5	71.7
GE 7000	50.7	55.3	59.9	63.1	65.9	67.3	71.4	72.1	72.6	73.4	73.5	73.5	73.9	73.9	73.9	74.1
GE 6000	51.6	56.2	60.9	64.2	67.7	69.2	73.4	74.3	74.8	75.7	75.9	75.9	76.3	76.3	76.3	76.5
GE 5000	53.1	57.7	62.6	66.1	69.5	71.0	75.4	76.6	77.6	78.6	79.0	79.0	79.4	79.4	79.4	79.6
GE 4500	54.2	58.8	63.7	67.2	70.6	72.1	76.5	77.7	78.6	79.7	80.1	80.1	80.5	80.5	80.5	80.7
GE 4000	55.1	59.7	65.3	68.8	72.4	73.9	78.3	79.6	80.5	81.6	81.9	81.9	82.3	82.3	82.3	82.5
GE 3500	56.2	61.1	67.3	70.8	74.5	75.9	80.3	81.6	82.5	83.6	83.9	83.9	84.3	84.3	84.3	84.5
GE 3000	56.4	61.3	67.5	71.2	75.9	77.4	81.8	83.0	83.9	85.0	85.4	85.4	85.8	85.8	85.8	85.9
GE 2500	56.8	61.7	67.9	71.5	76.3	77.7	82.3	83.6	84.5	85.6	86.1	86.1	86.5	86.5	86.5	86.7
GE 2000	57.3	62.2	68.4	72.3	78.1	79.6	84.3	85.6	86.5	87.6	88.3	88.3	88.7	88.7	88.7	88.9
GE 1800	57.3	62.2	68.4	72.3	78.1	79.6	84.3	85.6	86.5	87.6	88.3	88.3	88.7	88.7	88.7	88.9
GE 1500	57.5	62.6	68.8	72.6	78.5	79.9	84.7	85.9	86.9	88.0	88.7	88.7	89.1	89.1	89.1	89.2
GE 1200	57.5	62.6	68.8	72.8	78.8	80.3	85.4	87.0	88.0	89.6	90.3	90.3	90.7	90.7	90.7	90.9
GE 1000	57.7	62.8	69.0	73.0	79.4	81.0	86.5	88.1	89.2	91.1	92.0	92.0	92.3	92.3	92.3	92.5
GE 900	57.7	62.8	69.0	73.0	79.4	81.0	86.5	88.5	89.6	91.4	92.7	92.7	93.1	93.1	93.1	93.2
GE 800	57.7	62.8	69.0	73.0	79.7	81.4	86.9	88.9	90.0	91.8	93.4	93.4	93.8	93.8	93.8	94.0
GE 700	57.7	62.8	69.0	73.0	79.7	81.4	86.9	88.9	90.0	91.8	94.0	94.0	94.5	94.5	94.5	94.7
GE 600	57.7	62.8	69.0	73.0	79.7	81.4	86.9	88.9	90.0	92.2	94.7	94.9	95.4	95.4	95.4	95.6
GE 500	57.7	62.8	69.0	73.0	79.7	81.4	87.2	89.2	90.3	92.9	95.6	95.8	96.5	96.5	96.5	96.9
GE 400	57.7	62.8	69.0	73.0	79.7	81.4	87.6	89.6	90.7	93.8	96.7	97.1	98.4	98.4	98.4	98.7
GE 300	57.7	62.8	69.0	73.0	79.7	81.4	87.6	89.6	90.7	93.8	96.9	97.4	98.9	98.9	99.1	99.5
GE 200	57.7	62.8	69.0	73.0	79.7	81.4	87.6	89.6	90.7	93.8	96.9	97.4	98.9	98.9	99.1	99.6
GE 100	57.7	62.8	69.0	73.0	79.7	81.4	87.6	89.6	90.7	93.8	96.9	97.4	98.9	98.9	99.1	100.0
GE 000	57.7	62.8	69.0	73.0	79.7	81.4	87.6	89.6	90.7	93.8	96.9	97.4	98.9	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 548

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.2	52.5	54.2	55.5	57.5	58.0	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 20000	53.7	57.2	59.1	60.8	62.7	63.2	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 18000	54.4	58.0	59.8	61.5	63.4	63.9	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 16000	54.4	58.0	59.8	61.5	63.4	63.9	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 14000	54.8	58.3	60.1	61.8	63.8	64.3	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 12000	55.0	58.6	60.4	62.1	64.0	64.5	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 10000	58.3	62.5	65.1	67.4	69.5	70.0	70.5	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 9000	58.4	62.6	65.2	67.6	69.6	70.1	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 8000	59.7	63.9	66.7	69.0	71.1	71.6	72.2	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 7000	60.3	64.6	67.6	70.0	72.2	72.8	73.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 6000	61.4	66.1	69.3	72.1	74.2	75.0	75.6	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 5000	62.7	67.4	71.3	74.4	76.8	77.6	78.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 4500	63.2	68.0	71.9	75.0	77.4	78.3	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4000	66.7	71.6	75.9	79.2	81.9	82.7	83.6	84.2	84.2	84.4	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500	67.7	72.7	77.0	80.3	83.1	84.0	84.9	85.5	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000	68.5	73.5	78.4	82.1	84.9	85.9	87.1	87.8	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	69.0	74.0	78.9	82.9	85.7	86.6	88.0	88.7	88.7	89.2	89.3	89.3	89.3	89.3	89.3	89.3
GE 2000	69.5	74.5	79.6	83.6	86.9	87.8	89.2	89.9	89.9	90.4	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	69.6	74.7	79.8	83.8	87.1	88.1	89.4	90.2	90.2	90.6	90.9	90.9	90.9	90.9	90.9	90.9
GE 1500	70.1	75.2	80.4	84.4	88.0	89.1	91.1	92.0	92.2	92.7	93.0	93.0	93.0	93.0	93.0	93.0
GE 1200	70.1	75.2	80.4	84.7	88.5	89.7	92.2	93.3	93.6	94.0	94.3	94.3	94.3	94.3	94.3	94.3
GE 1000	70.2	75.3	80.6	84.8	88.8	90.2	92.7	94.0	94.4	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	70.2	75.3	80.6	84.8	88.8	90.2	92.7	94.0	94.4	95.1	95.4	95.4	95.4	95.4	95.4	95.4
GE 800	70.2	75.3	80.6	84.9	89.1	90.4	93.0	94.3	94.7	95.5	95.9	96.1	96.1	96.1	96.1	96.1
GE 700	70.2	75.3	80.6	84.9	89.1	90.4	93.0	94.3	94.7	95.5	96.1	96.4	96.4	96.4	96.4	96.4
GE 600	70.2	75.3	80.6	84.9	89.1	90.4	93.0	94.5	94.9	95.9	96.6	96.8	96.8	96.8	96.8	96.8
GE 500	70.2	75.3	80.6	84.9	89.1	90.4	93.3	94.9	95.4	96.5	97.6	97.8	98.1	98.1	98.1	98.1
GE 400	70.2	75.3	80.6	84.9	89.1	90.4	93.8	95.4	95.9	97.3	98.4	98.8	99.4	99.4	99.8	99.8
GE 300	70.2	75.3	80.6	84.9	89.1	90.4	93.8	95.4	95.9	97.4	98.7	99.0	99.6	99.6	100.0	100.0
GE 200	70.2	75.3	80.6	84.9	89.1	90.4	93.8	95.4	95.9	97.4	98.7	99.0	99.6	99.6	100.0	100.0
GE 100	70.2	75.3	80.6	84.9	89.1	90.4	93.8	95.4	95.9	97.4	98.7	99.0	99.6	99.6	100.0	100.0
GE 000	70.2	75.3	80.6	84.9	89.1	90.4	93.8	95.4	95.9	97.4	98.7	99.0	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 823

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.2	52.9	54.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 20000	56.9	59.4	60.5	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 18000	57.4	59.9	61.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 16000	57.4	59.9	61.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 14000	58.3	60.7	61.8	63.0	63.2	63.2	63.2	3.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 12000	59.1	61.7	62.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 10000	62.1	65.5	66.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 9000	62.1	65.5	66.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 8000	64.3	67.8	69.3	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 7000	65.5	69.2	70.9	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 6000	66.7	70.5	72.6	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 5000	68.8	73.1	76.0	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4500	69.0	73.3	76.3	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 4000	72.9	77.2	80.7	83.5	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 3500	75.4	79.9	83.6	86.4	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3000	76.9	81.9	85.7	88.6	89.7	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2500	76.9	82.1	85.9	89.0	90.1	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2000	77.2	82.5	86.4	89.6	91.2	91.3	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	77.5	82.9	86.8	90.0	91.6	91.7	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1500	77.6	83.0	87.0	90.6	92.7	93.0	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	77.6	83.0	87.1	90.7	93.3	93.6	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000	77.7	83.1	87.3	90.9	93.8	94.1	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	77.8	83.2	87.4	91.1	94.5	95.1	96.6	96.6	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	77.8	83.2	87.4	91.1	94.5	95.1	96.7	96.7	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	77.8	83.2	87.4	91.1	94.5	95.3	97.2	97.2	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	77.8	83.2	87.4	91.1	94.5	95.5	97.4	97.8	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	77.8	83.2	87.4	91.1	94.5	95.6	97.7	98.0	98.4	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	77.8	83.2	87.4	91.1	94.5	95.6	97.9	98.4	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	77.8	83.2	87.4	91.1	94.5	95.6	97.9	98.4	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	77.8	83.2	87.4	91.1	94.5	95.6	97.9	98.4	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	77.8	83.2	87.4	91.1	94.5	95.6	97.9	98.4	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	77.8	83.2	87.4	91.1	94.5	95.6	97.9	98.4	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 817

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.2	50.5	51.9	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 20000	58.0	59.9	61.7	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 18000	58.2	60.0	61.8	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 16000	58.2	60.0	61.8	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 14000	59.5	61.3	63.1	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 12000	61.5	63.5	65.6	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 10000	64.9	67.3	70.0	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 9000	65.3	67.8	70.5	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 8000	66.9	69.4	72.3	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 7000	67.3	70.2	73.2	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 6000	68.2	71.1	74.5	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 5000	70.0	73.1	76.9	77.8	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4500	70.0	73.1	76.9	77.8	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4000	75.2	78.5	83.2	84.6	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3500	78.5	81.9	87.3	89.3	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 3000	79.4	83.0	88.6	90.8	91.7	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
GE 2500	79.4	83.0	88.6	91.0	91.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000	79.7	83.4	89.3	91.7	92.8	93.9	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2
GE 1800	79.7	83.4	89.5	91.9	92.9	94.0	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4
GE 1500	80.1	83.7	89.9	92.2	93.9	94.9	95.1	95.1	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5
GE 1200	80.1	83.7	90.1	92.8	94.4	95.5	95.8	95.8	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	80.1	83.7	90.1	92.9	94.9	96.0	96.7	96.9	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	80.1	83.7	90.1	92.9	95.7	96.7	97.6	97.8	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	80.1	83.7	90.1	92.9	95.7	96.7	97.6	98.0	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	80.1	83.7	90.1	92.9	95.7	96.9	97.8	98.2	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	80.1	83.7	90.1	92.9	95.7	96.9	97.8	98.4	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	80.1	83.7	90.1	92.9	95.7	97.1	98.0	98.6	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	80.1	83.7	90.1	92.9	95.7	97.1	98.0	98.7	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	80.1	83.7	90.1	92.9	95.7	97.1	98.0	98.7	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	80.1	83.7	90.1	92.9	95.7	97.1	98.0	98.7	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.1	83.7	90.1	92.9	95.7	97.1	98.0	98.7	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	80.1	83.7	90.1	92.9	95.7	97.1	98.0	98.7	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 553

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.2	48.7	50.1	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 20000	55.5	56.9	58.9	59.4	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 18000	56.2	57.7	59.6	60.1	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 16000	56.2	57.7	59.6	60.1	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 14000	57.7	59.1	61.1	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 12000	59.6	61.1	63.0	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 10000	64.7	66.4	68.6	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 9000	65.5	67.6	69.8	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000	68.6	71.0	73.2	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 7000	69.1	71.5	74.0	74.7	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 6000	71.3	74.0	76.6	77.9	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 5000	74.5	77.1	80.5	82.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4500	74.7	77.4	80.8	82.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4000	78.3	81.0	84.9	87.1	88.3	88.3	88.6	88.6	88.6	89.1	89.3	89.3	89.3	89.3	89.3	89.3
GE 3500	79.6	83.0	87.3	90.0	91.7	91.7	92.0	92.0	92.0	92.5	92.7	92.7	92.7	92.7	92.7	92.7
GE 3000	81.0	84.4	89.1	91.7	93.4	93.7	94.2	94.6	94.6	95.1	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	81.5	84.9	89.8	92.5	94.4	94.9	95.4	95.9	95.9	96.4	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	81.5	84.9	89.8	92.7	95.1	95.6	96.1	96.6	96.6	97.1	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	81.5	84.9	89.8	92.7	95.1	95.6	96.1	96.6	96.6	97.1	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	81.5	84.9	89.8	92.7	95.1	95.6	96.1	96.8	96.8	97.3	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	81.5	84.9	89.8	92.7	95.1	95.6	96.1	96.8	96.8	97.3	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	81.5	84.9	89.8	92.7	95.1	95.6	96.1	97.1	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	81.5	84.9	89.8	92.7	95.1	95.6	96.1	97.3	97.3	97.8	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	81.5	84.9	89.8	92.7	95.4	95.9	96.4	97.6	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	81.5	84.9	89.8	92.7	95.6	96.1	96.8	98.1	98.1	99.0	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	81.5	84.9	89.8	92.7	95.6	96.1	96.8	98.1	98.1	99.0	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	81.5	84.9	89.8	92.7	95.6	96.1	96.8	98.1	98.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	81.5	84.9	89.8	92.7	95.6	96.1	96.8	98.1	98.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	81.5	84.9	89.8	92.7	95.6	96.1	96.8	98.1	98.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	81.5	84.9	89.8	92.7	95.6	96.1	96.8	98.1	98.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	81.5	84.9	89.8	92.7	95.6	96.1	96.8	98.1	98.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	81.5	84.9	89.8	92.7	95.6	96.1	96.8	98.1	98.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 411

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUN HOURS: 21-23

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.4	50.9	52.4	53.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 20000	55.3	56.8	59.1	61.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 18000	55.3	56.8	59.1	61.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 16000	55.3	56.8	59.1	61.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 14000	55.9	57.4	59.7	61.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 12000	56.2	57.6	60.3	62.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 10000	59.4	60.9	64.7	66.8	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	60.0	61.5	65.3	67.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 8000	63.2	64.7	68.5	71.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 7000	63.8	65.3	70.3	73.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 6000	64.4	65.9	71.8	74.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 5000	67.9	69.4	75.6	79.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4500	67.9	69.4	75.6	79.1	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4000	68.8	70.3	77.4	82.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3500	69.7	71.5	78.5	84.1	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	72.6	74.7	82.4	87.9	93.2	93.8	93.8	93.8	93.8	94.7	95.0	95.0	95.3	95.3	95.3	95.3
GE 2500	72.6	74.7	82.4	87.9	93.2	93.8	93.8	93.8	93.8	94.7	95.0	95.0	95.3	95.3	95.3	95.3
GE 2000	72.6	74.7	82.4	87.9	93.2	93.8	93.8	94.7	94.7	95.6	95.9	95.9	96.2	96.2	96.2	96.2
GE 1800	72.6	74.7	82.4	87.9	93.2	93.8	93.8	94.7	94.7	95.6	95.9	95.9	96.2	96.2	96.2	96.2
GE 1500	72.6	74.7	82.6	88.2	93.8	94.4	94.4	95.6	95.6	96.5	96.8	96.8	97.1	97.1	97.1	97.1
GE 1200	72.6	74.7	82.6	88.2	93.8	94.4	95.3	96.5	96.5	97.4	97.6	97.6	97.9	97.9	97.9	97.9
GE 1000	72.6	74.7	82.6	88.2	93.8	95.0	95.9	97.1	97.1	97.9	98.2	98.2	98.5	98.5	98.5	98.5
GE 900	72.6	74.7	82.6	88.2	93.8	95.0	95.9	97.1	97.1	97.9	98.2	98.2	98.5	98.5	98.5	98.5
GE 800	72.6	74.7	82.6	88.2	93.8	95.0	95.9	97.1	97.1	98.2	98.5	98.5	98.8	98.8	98.8	98.8
GE 700	72.6	74.7	82.6	88.2	93.8	95.0	96.2	97.4	97.4	98.5	98.8	98.8	99.1	99.1	99.1	99.1
GE 600	72.6	74.7	82.6	88.2	93.8	95.0	96.2	97.4	97.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0
GE 500	72.6	74.7	82.6	88.2	93.8	95.0	96.2	97.4	97.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0
GE 400	72.6	74.7	82.6	88.2	93.8	95.0	96.2	97.4	97.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0
GE 300	72.6	74.7	82.6	88.2	93.8	95.0	96.2	97.4	97.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	72.6	74.7	82.6	88.2	93.8	95.0	96.2	97.4	97.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	72.6	74.7	82.6	88.2	93.8	95.0	96.2	97.4	97.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	72.6	74.7	82.6	88.2	93.8	95.0	96.2	97.4	97.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 340

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.2	50.3	52.0	53.2	54.3	54.5	55.0	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 20000	54.1	56.7	58.7	60.1	61.4	61.6	62.1	62.3	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5
GE 18000	54.6	57.2	59.2	60.7	61.9	62.1	62.6	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 16000	54.6	57.2	59.2	60.7	61.9	62.1	62.6	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 14000	55.4	58.0	60.1	61.5	62.8	63.0	63.5	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.9
GE 12000	56.3	58.9	61.1	62.6	63.8	64.0	64.6	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.0
GE 10000	59.5	62.6	65.3	67.2	68.5	68.8	69.4	69.6	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9
GE 9000	59.7	63.0	65.6	67.5	68.9	69.1	69.8	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.3
GE 8000	61.7	65.1	67.9	69.9	71.3	71.6	72.3	72.5	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8
GE 7000	62.5	66.0	69.0	71.1	72.6	73.0	73.7	74.0	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3
GE 6000	63.6	67.2	70.7	73.0	74.6	75.0	75.8	76.1	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4
GE 5000	65.6	69.4	73.4	75.9	77.6	78.0	78.9	79.2	79.4	79.6	79.6	79.6	79.7	79.7	79.7	79.7
GE 4500	66.0	69.8	73.8	76.3	78.0	78.5	79.4	79.7	79.9	80.0	80.1	80.1	80.2	80.2	80.2	80.2
GE 4000	69.3	73.1	77.7	80.7	82.7	83.2	84.2	84.5	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1
GE 3500	71.0	75.1	80.0	83.2	85.4	85.9	86.9	87.3	87.4	87.7	87.8	87.8	87.9	87.9	87.9	87.9
GE 3000	72.1	76.4	81.6	85.0	87.5	88.2	89.3	89.8	89.9	90.3	90.5	90.5	90.6	90.6	90.6	90.6
GE 2500	72.4	76.7	82.0	85.4	88.0	88.7	89.9	90.4	90.5	90.9	91.1	91.1	91.2	91.2	91.2	91.2
GE 2000	72.7	77.1	82.5	86.0	89.0	89.8	91.1	91.6	91.8	92.2	92.5	92.5	92.6	92.6	92.6	92.6
GE 1800	72.8	77.2	82.6	86.2	89.2	90.0	91.3	91.8	92.0	92.4	92.7	92.7	92.8	92.8	92.8	92.8
GE 1500	73.0	77.5	83.0	86.6	89.9	90.8	92.3	92.9	93.1	93.6	93.8	93.8	93.9	93.9	93.9	93.9
GE 1200	73.0	77.5	83.0	86.8	90.3	91.2	93.1	93.8	94.0	94.6	94.8	94.8	94.9	94.9	94.9	94.9
GE 1000	73.1	77.6	83.1	86.9	90.7	91.7	93.7	94.6	94.8	95.5	95.8	95.8	95.9	95.9	95.9	95.9
GE 900	73.1	77.6	83.1	87.0	91.0	92.0	94.1	95.0	95.3	96.1	96.5	96.5	96.5	96.5	96.5	96.6
GE 800	73.1	77.6	83.1	87.0	91.1	92.2	94.3	95.2	95.6	96.5	97.0	97.0	97.1	97.1	97.1	97.1
GE 700	73.1	77.6	83.1	87.0	91.2	92.3	94.5	95.5	95.9	96.9	97.5	97.5	97.7	97.7	97.7	97.7
GE 600	73.1	77.6	83.1	87.0	91.2	92.3	94.6	95.7	96.1	97.2	98.0	98.1	98.2	98.2	98.2	98.2
GE 500	73.1	77.6	83.1	87.0	91.2	92.4	94.8	95.9	96.4	97.6	98.5	98.6	98.8	98.8	98.8	98.9
GE 400	73.1	77.6	83.1	87.0	91.2	92.4	95.0	96.2	96.7	98.1	99.1	99.2	99.6	99.6	99.7	99.7
GE 300	73.1	77.6	83.1	87.0	91.2	92.4	95.0	96.2	96.7	98.1	99.1	99.3	99.7	99.7	99.9	99.9
GE 200	73.1	77.6	83.1	87.0	91.2	92.4	95.0	96.2	96.7	98.1	99.1	99.3	99.7	99.7	99.9	99.9
GE 100	73.1	77.6	83.1	87.0	91.2	92.4	95.0	96.2	96.7	98.1	99.1	99.3	99.7	99.7	99.9	100.0
GE 000	73.1	77.6	83.1	87.0	91.2	92.4	95.0	96.2	96.7	98.1	99.1	99.3	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3493

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.3	33.3	33.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 20000	33.3	33.3	33.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	33.3	33.3	33.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000	33.3	33.3	33.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	33.3	33.3	33.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	33.3	33.3	33.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000	33.3	33.3	33.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 9000	33.3	33.3	33.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 8000	33.3	33.3	33.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	33.3	33.3	33.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 6000	33.3	33.3	33.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 5000	33.3	33.3	33.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 4500	33.3	33.3	33.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 4000	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10.0	100.0	100.0	100.0	100.0
GE 2000	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	66.7	66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.1	39.5	43.6	47.1	49.1	49.8	50.7	51.5	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 20000	36.8	42.3	46.7	50.6	53.3	54.0	55.5	56.3	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 18000	36.9	42.5	46.9	50.9	53.9	54.6	56.1	56.8	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 16000	36.9	42.5	46.9	50.9	53.9	54.6	56.1	56.8	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 14000	37.3	42.8	47.8	51.8	55.0	55.7	57.4	58.3	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 12000	37.9	43.4	48.5	52.6	55.7	56.4	58.5	59.7	60.1	60.3	60.3	60.3	60.5	60.5	60.5	60.5
GE 10000	40.4	46.3	51.8	56.3	60.3	61.2	63.4	64.9	65.3	65.8	65.8	65.8	66.0	66.0	66.0	66.0
GE 9000	40.4	46.3	51.8	56.3	60.3	61.2	63.4	64.9	65.3	65.8	65.8	65.8	66.0	66.0	66.0	66.0
GE 8000	41.5	47.6	53.5	58.6	63.4	64.3	66.9	68.6	68.9	69.9	70.0	70.0	70.2	70.2	70.2	70.2
GE 7000	42.8	48.9	55.0	60.1	65.6	66.5	69.5	71.1	71.5	72.4	72.6	72.6	72.8	72.8	72.8	72.8
GE 6000	43.6	49.6	55.7	60.8	66.4	67.3	70.2	72.1	72.4	73.3	73.5	73.5	73.7	73.7	73.7	73.7
GE 5000	44.7	51.1	57.2	62.5	68.4	69.3	72.2	74.1	74.4	75.6	75.7	75.7	75.9	75.9	75.9	75.9
GE 4500	44.7	51.1	57.2	62.7	68.9	69.9	72.8	74.6	75.0	76.1	76.3	76.3	76.5	76.5	76.5	76.5
GE 4000	46.1	52.9	59.4	65.1	71.7	72.6	75.7	77.8	78.3	79.4	79.6	79.6	79.8	79.8	79.8	79.8
GE 3500	46.5	53.7	60.1	66.0	72.8	73.7	76.8	78.9	79.4	80.5	80.7	80.7	80.9	80.9	80.9	80.9
GE 3000	47.4	54.8	61.2	67.3	74.8	75.7	78.9	80.9	81.4	82.5	82.7	82.7	82.9	82.9	82.9	82.9
GE 2500	47.4	54.8	61.6	67.8	75.4	76.3	79.4	81.4	82.0	83.1	83.3	83.3	83.6	83.6	83.6	83.6
GE 2000	47.4	54.8	62.3	68.6	76.3	77.4	80.5	82.9	83.5	84.6	85.1	85.1	85.5	85.5	85.5	85.5
GE 1800	47.4	54.8	62.3	68.6	76.3	77.4	80.5	82.9	83.5	84.6	85.1	85.1	85.5	85.5	85.5	85.5
GE 1500	47.6	55.1	62.7	69.3	77.6	79.0	82.2	84.6	85.1	86.4	86.9	86.9	87.3	87.3	87.3	87.3
GE 1200	47.6	55.5	63.4	70.0	78.5	80.0	84.0	86.4	87.1	88.6	89.5	89.5	89.9	89.9	89.9	89.9
GE 1000	47.6	55.7	63.6	70.2	78.7	80.3	84.7	87.3	88.1	89.7	90.6	90.6	91.0	91.0	91.0	91.0
GE 900	47.6	55.7	63.6	70.2	79.0	80.7	85.1	87.9	88.6	90.3	91.2	91.2	91.5	91.5	91.5	91.5
GE 800	47.6	55.7	63.6	70.2	79.4	81.3	85.7	88.4	89.2	91.2	92.1	92.1	92.5	92.8	92.8	92.8
GE 700	48.0	56.1	64.0	70.6	79.8	81.8	86.4	89.3	90.1	92.5	93.6	93.9	94.3	94.3	94.3	94.3
GE 600	48.0	56.1	64.0	70.6	79.8	81.8	86.4	89.3	90.6	93.4	94.9	95.2	95.6	95.6	95.6	95.6
GE 500	48.0	56.1	64.0	70.6	79.8	81.8	86.4	89.5	90.8	93.8	95.6	96.0	96.3	96.3	96.7	96.7
GE 400	48.0	56.1	64.0	70.6	79.8	81.8	86.4	89.9	91.2	94.1	96.1	96.5	97.4	97.4	98.2	98.2
GE 300	48.0	56.1	64.0	70.6	79.8	81.8	86.4	89.9	91.2	94.1	96.5	96.9	98.0	98.0	98.7	98.9
GE 200	48.0	56.1	64.0	70.6	79.8	81.8	86.4	89.9	91.2	94.1	96.9	97.2	98.5	98.7	99.4	99.6
GE 100	48.0	56.1	64.0	70.6	79.8	81.8	86.4	89.9	91.2	94.1	96.9	97.2	98.5	98.7	99.4	100.0
GE 000	48.0	56.1	64.0	70.6	79.8	81.8	86.4	89.9	91.2	94.1	96.9	97.2	98.5	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 544

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.3	46.7	51.4	54.4	55.7	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 20000	46.2	49.8	54.6	58.3	60.0	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 18000	46.7	50.4	55.2	58.9	60.7	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 16000	46.7	50.4	55.2	58.9	60.7	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 14000	47.1	50.9	56.0	59.7	61.4	61.8	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 12000	47.6	51.5	56.7	60.4	62.1	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 10000	50.6	55.1	62.4	66.7	68.9	69.5	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 9000	50.7	55.2	62.5	66.8	69.3	69.9	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 8000	53.1	58.2	66.0	70.9	73.5	74.4	75.2	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 7000	53.6	58.9	66.8	72.0	75.1	76.0	76.8	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 6000	54.4	59.9	68.1	73.4	76.4	77.3	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 5000	55.5	61.2	69.3	74.6	77.7	78.5	79.5	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 4500	55.5	61.2	69.5	74.8	77.9	78.8	79.8	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4000	56.7	62.6	71.3	76.9	80.3	81.3	82.2	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3500	57.6	63.5	72.1	77.9	81.6	82.6	83.6	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3000	59.1	65.0	73.7	79.8	83.6	84.7	85.7	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2500	59.2	65.2	74.1	80.3	84.1	85.2	86.2	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2000	59.6	66.0	75.1	81.5	85.6	86.9	88.4	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1800	59.8	66.2	75.3	81.8	85.8	87.2	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1500	60.0	66.7	76.3	82.7	88.0	89.4	91.0	91.2	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1200	60.3	67.6	77.3	84.2	90.0	91.6	93.7	94.0	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	60.4	67.8	77.7	84.7	90.9	92.7	95.1	95.3	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 900	60.5	67.9	77.8	85.0	91.2	93.1	95.6	96.1	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	60.7	68.1	77.9	85.1	91.4	93.2	95.8	96.3	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	60.7	68.1	77.9	85.1	91.4	93.2	95.8	96.4	97.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	60.7	68.1	77.9	85.1	91.4	93.2	95.9	96.5	97.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	60.7	68.1	77.9	85.1	91.4	93.2	95.9	96.7	97.3	98.8	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	60.7	68.1	77.9	85.1	91.4	93.2	95.9	96.7	97.3	98.9	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	60.7	68.1	77.9	85.1	91.4	93.2	95.9	96.7	97.3	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	60.7	68.1	77.9	85.1	91.4	93.2	95.9	96.7	97.3	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	60.7	68.1	77.9	85.1	91.4	93.2	95.9	96.7	97.3	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	60.7	68.1	77.9	85.1	91.4	93.2	95.9	96.7	97.3	98.9	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 811

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/	GE 0
NO CEIL	46.3	48.9	52.3	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 20000	53.0	56.4	60.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 18000	53.7	57.1	60.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 16000	53.7	57.1	60.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 14000	54.0	57.5	61.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 12000	55.1	58.6	62.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 10000	58.9	62.8	67.4	69.0	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 9000	59.5	63.4	68.0	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 8000	62.1	66.4	72.0	73.7	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 7000	62.9	67.7	73.2	75.5	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 6000	63.7	69.0	75.0	77.2	77.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 5000	64.8	70.5	77.2	79.4	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4500	65.2	70.9	77.9	80.2	81.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4000	67.0	73.7	81.5	84.0	85.5	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500	68.6	75.3	83.9	86.7	88.4	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3000	70.8	77.8	86.6	89.6	91.4	91.8	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2500	71.3	78.4	87.2	90.3	92.8	93.2	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2000	72.1	80.2	89.2	92.6	95.4	95.8	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	72.1	80.3	89.3	92.7	95.5	96.0	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1500	72.4	80.9	90.0	93.7	96.7	97.3	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	72.5	81.0	90.1	93.9	96.9	97.5	97.9	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	72.5	81.2	90.2	94.2	97.1	97.8	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6
GE 900	72.5	81.2	90.2	94.2	97.1	97.8	98.1	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	99.0
GE 800	72.5	81.2	90.2	94.2	97.1	97.8	98.3	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 700	72.5	81.2	90.2	94.2	97.1	97.8	98.3	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.3
GE 600	72.5	81.2	90.3	94.3	97.3	97.9	98.4	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 500	72.5	81.2	90.3	94.3	97.3	97.9	98.4	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 400	72.5	81.2	90.3	94.3	97.3	97.9	98.4	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	72.5	81.2	90.3	94.3	97.3	97.9	98.4	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	72.5	81.2	90.3	94.3	97.3	97.9	98.4	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	72.5	81.2	90.3	94.3	97.3	97.9	98.4	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	72.5	81.2	90.3	94.3	97.3	97.9	98.4	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 807

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.8	48.4	51.2	51.7	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 20000	53.0	54.7	57.8	58.3	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 18000	53.4	55.0	58.2	58.7	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 16000	53.4	55.0	58.2	58.7	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 14000	53.9	55.6	58.7	59.3	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 12000	55.6	57.4	60.6	61.1	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 10000	58.9	61.1	65.1	65.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 9000	59.6	62.0	66.2	67.0	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 8000	62.6	66.1	70.8	71.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 7000	62.9	66.4	71.7	73.0	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 6000	63.5	67.2	72.5	73.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 5000	64.6	68.8	74.5	76.0	77.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4500	65.1	69.5	75.4	76.9	78.3	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4000	71.0	76.7	82.9	85.0	87.0	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3500	72.1	78.0	84.8	86.8	88.8	89.0	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3000	74.5	80.6	87.7	90.1	92.5	92.7	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500	75.4	81.5	88.8	91.2	93.8	93.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2000	76.5	82.8	90.3	92.7	96.0	96.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	76.5	82.8	90.3	92.7	96.0	96.3	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	76.9	83.1	90.6	93.2	96.5	97.1	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	76.9	83.1	90.6	93.4	96.9	97.4	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	76.9	83.1	90.6	93.4	96.9	97.4	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	76.9	83.1	90.6	93.4	96.9	97.4	98.9	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	76.9	83.1	90.6	93.4	96.9	97.4	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	76.9	83.1	90.6	93.4	96.9	97.4	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	76.9	83.1	90.6	93.4	96.9	97.4	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	76.9	83.1	90.6	93.4	96.9	97.4	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	76.9	83.1	90.6	93.4	96.9	97.4	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	76.9	83.1	90.6	93.4	96.9	97.4	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	76.9	83.1	90.6	93.4	96.9	97.4	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	76.9	83.1	90.6	93.4	96.9	97.4	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	76.9	83.1	90.6	93.4	96.9	97.4	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 545

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: 12 20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.9	47.2	48.7	50.0	50.8	50.8	50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 20000	54.3	57.9	59.6	61.2	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 18000	54.3	57.9	59.6	61.2	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 16000	54.3	57.9	59.6	61.2	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 14000	55.3	58.9	60.7	62.2	62.9	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 12000	56.3	59.9	61.7	63.5	64.2	64.2	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 10000	62.4	66.5	68.5	70.3	71.3	71.3	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 9000	62.4	66.5	68.5	70.3	71.6	71.6	71.8	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 8000	63.7	69.3	71.8	74.4	75.9	75.9	76.1	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 7000	64.9	69.8	72.6	75.4	76.9	76.9	77.2	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 6000	65.0	70.8	74.1	76.9	78.4	78.4	78.7	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	65.5	71.8	75.1	78.2	79.7	79.7	80.5	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 4500	66.8	73.1	76.6	79.7	81.2	81.2	82.0	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4000	71.6	78.4	82.5	85.5	88.1	88.3	89.3	89.6	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1
GE 3500	72.3	79.2	83.2	86.3	88.8	89.1	90.1	90.4	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9
GE 3000	74.1	81.2	85.5	88.8	91.9	92.4	93.4	93.7	94.2	94.4	94.9	94.9	94.9	94.9	94.9	94.9
GE 2500	74.9	82.0	86.5	89.8	92.9	93.4	94.4	94.7	95.2	95.7	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	75.1	82.2	87.1	90.4	93.7	94.2	95.7	96.2	96.7	97.2	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	75.1	82.2	87.1	90.4	93.7	94.2	95.7	96.2	96.7	97.2	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	75.1	82.2	87.1	90.4	93.7	94.2	95.7	96.2	96.7	97.5	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	75.1	82.2	87.1	90.4	93.9	94.4	95.9	96.4	97.0	97.7	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	75.1	82.2	87.1	90.4	93.9	94.4	95.9	96.7	97.2	98.0	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	75.1	82.2	87.1	90.4	93.9	94.4	95.9	96.7	97.2	98.0	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	75.1	82.2	87.1	90.4	94.2	94.9	96.4	97.5	98.0	98.7	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	75.1	82.2	87.1	90.4	94.2	94.9	96.4	97.5	98.0	98.7	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	75.1	82.2	87.1	90.4	94.2	94.9	96.4	97.5	98.0	98.7	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	75.1	82.2	87.3	90.6	94.4	95.2	96.7	97.7	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	75.1	82.2	87.3	90.6	94.4	95.2	96.7	97.7	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	75.1	82.2	87.3	90.6	94.4	95.2	96.7	97.7	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	75.1	82.2	87.3	90.6	94.4	95.2	96.7	97.7	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	75.1	82.2	87.3	90.6	94.4	95.2	96.7	97.7	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	75.1	82.2	87.3	90.6	94.4	95.2	96.7	97.7	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 394

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - AFR 89
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.3	47.6	50.3	52.1	53.8	54.1	54.7	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 20000	49.1	52.7	56.8	59.5	61.2	61.5	62.1	62.7	63.0	63.0	63.6	63.6	63.6	63.6	63.6	63.6
GE 18000	49.1	52.7	56.8	59.5	61.2	61.5	62.1	62.7	63.0	63.0	63.6	63.6	63.6	63.6	63.6	63.6
GE 16000	49.1	52.7	56.8	59.5	61.2	61.5	62.1	62.7	63.0	63.0	63.6	63.6	63.6	63.6	63.6	63.6
GE 14000	49.4	53.0	57.1	59.8	61.5	61.8	62.4	63.0	63.3	63.3	63.9	63.9	63.9	63.9	63.9	63.9
GE 12000	49.4	53.0	57.4	60.4	62.1	62.4	63.0	63.6	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5
GE 10000	53.8	58.6	63.0	67.5	69.8	70.1	70.7	71.3	71.6	71.6	72.2	72.2	72.2	72.2	72.2	72.2
GE 9000	53.8	58.6	63.0	67.5	69.8	70.1	70.7	71.3	71.6	71.6	72.2	72.2	72.2	72.2	72.2	72.2
GE 8000	53.8	58.9	63.3	68.0	70.4	70.7	71.3	72.8	73.1	73.1	73.7	73.7	73.7	73.7	73.7	73.7
GE 7000	54.4	59.5	63.9	68.6	71.0	71.3	71.9	73.4	73.7	73.7	74.3	74.3	74.3	74.3	74.3	74.3
GE 6000	54.7	59.8	64.8	69.5	71.9	72.2	72.8	74.3	74.6	74.6	75.1	75.1	75.1	75.1	75.1	75.1
GE 5000	55.6	60.7	65.7	70.4	72.8	73.1	73.7	75.1	75.4	75.4	76.0	76.0	76.0	76.0	76.0	76.0
GE 4500	57.1	62.1	67.2	71.9	74.3	74.6	75.1	76.6	76.9	76.9	77.5	77.5	77.5	77.5	77.5	77.5
GE 4000	63.9	69.2	74.3	79.9	85.2	85.8	87.6	89.1	89.3	89.3	89.9	89.9	89.9	89.9	89.9	89.9
GE 3500	63.9	69.5	74.6	80.2	85.5	86.1	87.9	89.3	89.6	89.6	90.2	90.2	90.2	90.2	90.2	90.2
GE 3000	65.4	71.3	77.2	83.7	89.3	89.9	92.9	94.7	95.0	95.0	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	65.4	71.3	77.2	83.7	89.9	90.5	93.5	95.3	95.6	95.6	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	65.4	71.3	77.2	83.7	90.8	91.4	94.4	96.4	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	65.4	71.3	77.2	83.7	90.8	91.4	94.4	96.4	96.7	97.3	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	65.4	71.3	77.2	83.7	90.8	91.7	94.7	96.7	97.0	97.6	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	65.4	71.3	77.2	83.7	90.8	91.7	94.7	96.7	97.0	97.6	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	65.4	71.3	77.2	83.7	90.8	91.7	95.0	97.3	97.6	98.5	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	65.4	71.3	77.2	83.7	90.8	91.7	95.0	97.3	97.6	98.5	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	65.4	71.3	77.2	83.7	90.8	91.7	95.0	97.3	97.6	98.5	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	65.4	71.3	77.2	83.7	90.8	91.7	95.0	97.3	97.6	98.5	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	65.4	71.3	77.2	83.7	91.1	92.0	95.6	97.9	98.2	99.1	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	65.4	71.3	77.2	83.7	91.1	92.0	95.6	97.9	98.2	99.1	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	65.4	71.3	77.2	83.7	91.1	92.0	95.6	97.9	98.2	99.1	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	65.4	71.3	77.2	83.7	91.1	92.0	95.6	97.9	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	65.4	71.3	77.2	83.7	91.1	92.0	95.6	97.9	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	65.4	71.3	77.2	83.7	91.1	92.0	95.6	97.9	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	65.4	71.3	77.2	83.7	91.1	92.0	95.6	97.9	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 338

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.6	46.5	49.9	51.8	52.8	53.1	53.3	53.5	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 20000	48.6	52.1	55.9	58.2	59.4	59.7	60.1	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5
GE 18000	49.0	52.5	56.3	58.6	59.9	60.1	60.5	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 16000	49.0	52.5	56.3	58.6	59.9	60.1	60.5	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 14000	49.4	53.0	57.0	59.3	60.6	60.8	61.3	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7
GE 12000	50.3	53.9	58.0	60.3	61.6	61.9	62.4	62.6	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9
GE 10000	53.9	58.1	63.1	66.0	67.7	68.1	68.6	68.9	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2
GE 9000	54.2	58.4	63.4	66.3	68.1	68.5	69.1	69.4	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.7
GE 8000	56.2	61.0	66.6	69.9	72.0	72.5	73.2	73.6	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1
GE 7000	56.8	61.9	67.6	71.2	73.5	74.0	74.8	75.2	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6
GE 6000	57.5	62.8	68.8	72.4	74.7	75.2	76.0	76.5	76.6	76.8	76.8	76.8	76.9	76.9	76.9	76.9
GE 5000	58.5	64.1	70.3	74.0	76.6	77.0	77.9	78.4	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9
GE 4500	59.0	64.6	71.0	74.8	77.4	77.8	78.7	79.2	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7
GE 4000	62.1	68.4	75.2	79.3	82.6	83.1	84.3	84.8	85.0	85.2	85.3	85.3	85.4	85.4	85.4	85.4
GE 3500	63.0	69.4	76.5	80.7	84.2	84.7	85.9	86.4	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.0
GE 3000	64.8	71.3	78.7	83.2	87.0	87.6	88.9	89.5	89.8	90.0	90.2	90.2	90.2	90.2	90.2	90.2
GE 2500	65.1	71.8	79.3	83.8	87.9	88.5	89.9	90.5	90.7	91.0	91.1	91.1	91.2	91.2	91.2	91.2
GE 2000	65.6	72.6	80.4	85.1	89.5	90.3	91.8	92.6	92.8	93.1	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800	65.7	72.7	80.4	85.2	89.6	90.4	92.0	92.7	93.0	93.3	93.5	93.5	93.6	93.6	93.6	93.6
GE 1500	65.9	73.0	80.9	85.8	90.7	91.6	93.2	94.0	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9
GE 1200	66.0	73.3	81.3	86.4	91.4	92.4	94.3	95.1	95.4	95.9	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	66.0	73.4	81.5	86.6	91.7	92.8	94.9	95.7	96.1	96.7	96.9	96.9	97.0	97.0	97.0	97.0
GE 900	66.0	73.5	81.5	86.6	91.9	92.9	95.0	96.0	96.4	97.1	97.4	97.4	97.4	97.4	97.4	97.5
GE 800	66.1	73.5	81.5	86.7	92.0	93.1	95.4	96.3	96.7	97.5	97.8	97.9	97.9	97.9	97.9	98.0
GE 700	66.1	73.6	81.6	86.7	92.0	93.2	95.5	96.6	97.0	97.9	98.2	98.3	98.3	98.3	98.3	98.3
GE 600	66.1	73.6	81.6	86.8	92.1	93.3	95.6	96.7	97.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8
GE 500	66.1	73.6	81.6	86.8	92.1	93.3	95.6	96.8	97.4	98.5	99.0	99.1	99.2	99.2	99.2	99.2
GE 400	66.1	73.6	81.6	86.8	92.1	93.3	95.6	96.9	97.4	98.6	99.3	99.3	99.5	99.5	99.6	99.7
GE 300	66.1	73.6	81.6	86.8	92.1	93.3	95.6	96.9	97.4	98.6	99.4	99.4	99.7	99.7	99.8	99.8
GE 200	66.1	73.6	81.6	86.8	92.1	93.3	95.6	96.9	97.4	98.6	99.4	99.5	99.7	99.8	99.9	99.9
GE 100	66.1	73.6	81.6	86.8	92.1	93.3	95.6	96.9	97.4	98.6	99.4	99.5	99.7	99.8	99.9	100.0
GE 000	66.1	73.6	81.6	86.8	92.1	93.3	95.6	96.9	97.4	98.6	99.4	99.5	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3442

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.1	35.6	38.1	40.3	42.1	43.1	46.3	47.2	47.2	48.0	48.5	48.7	49.1	49.1	49.1	49.6
GE 20000	32.6	37.1	39.7	42.1	44.3	45.3	48.7	49.6	49.6	50.6	51.1	51.3	51.6	51.6	51.6	52.1
GE 18000	32.6	37.1	39.7	42.1	44.4	45.5	48.9	49.7	49.7	50.8	51.3	51.5	51.8	51.8	51.8	52.3
GE 16000	32.6	37.1	39.8	42.2	44.6	45.6	49.1	49.9	49.9	50.9	51.5	51.6	52.0	52.0	52.0	52.5
GE 14000	33.0	37.6	40.3	42.9	45.3	46.3	49.7	50.6	50.6	52.0	52.5	52.6	53.0	53.0	53.0	53.5
GE 12000	33.8	38.5	41.2	43.8	46.2	47.2	50.6	51.5	51.5	52.8	53.3	53.5	53.8	53.8	53.8	54.5
GE 10000	37.8	42.6	45.6	48.7	51.1	52.1	55.9	56.9	57.1	58.8	59.3	59.5	59.8	59.8	59.8	60.5
GE 9000	37.8	42.6	45.6	48.7	51.1	52.1	55.9	57.1	57.3	59.0	59.7	59.8	60.2	60.2	60.2	60.9
GE 8000	40.2	45.3	48.7	52.5	55.6	56.8	61.0	62.2	62.4	64.4	65.5	65.6	66.0	66.0	66.0	66.7
GE 7000	40.9	46.0	49.4	53.2	56.2	57.6	62.1	63.2	63.4	65.5	66.5	66.7	67.0	67.0	67.0	67.7
GE 6000	41.4	46.5	50.1	53.8	57.1	58.5	62.9	64.1	64.3	66.3	67.4	67.5	67.9	67.9	67.9	68.5
GE 5000	41.7	47.2	51.1	54.9	58.3	59.7	64.3	65.5	65.6	68.0	69.1	69.2	69.6	69.6	69.6	70.3
GE 4500	42.6	48.4	52.3	56.1	59.8	61.2	65.8	67.0	67.2	69.6	70.6	70.8	71.1	71.1	71.1	71.8
GE 4000	44.3	50.4	54.5	58.3	62.2	63.6	68.4	69.7	70.1	72.8	74.0	74.2	74.5	74.5	74.5	75.2
GE 3500	44.8	50.9	55.0	59.1	63.1	64.6	69.4	70.8	71.1	74.2	75.4	75.6	75.9	75.9	75.9	76.6
GE 3000	46.2	52.3	56.9	61.2	65.1	66.7	71.5	72.8	73.2	76.2	77.4	77.6	77.9	77.9	77.9	78.6
GE 2500	46.3	52.5	57.1	61.4	65.8	67.4	72.1	73.5	73.8	76.9	78.3	78.5	78.8	78.8	78.8	79.5
GE 2000	46.5	52.6	57.4	61.7	66.5	68.0	73.3	74.9	75.2	78.5	79.8	80.0	80.3	80.3	80.3	81.0
GE 1800	46.7	52.8	57.6	61.9	66.7	68.2	73.5	75.0	75.4	78.8	80.2	80.3	80.7	80.7	80.7	81.4
GE 1500	47.5	53.7	58.6	63.2	68.4	70.3	75.9	77.8	78.1	82.1	83.4	83.6	83.9	83.9	83.9	84.6
GE 1200	47.9	54.0	59.0	63.6	68.9	71.1	77.1	79.1	79.5	83.4	84.8	85.0	85.5	85.5	85.5	86.2
GE 1000	48.0	54.4	59.3	64.3	69.7	72.5	79.3	81.7	82.1	86.8	88.4	88.5	89.1	89.1	89.1	89.7
GE 900	48.2	54.5	59.5	64.4	70.3	73.3	80.7	83.2	83.8	88.9	90.4	90.6	91.1	91.1	91.1	91.8
GE 800	48.2	54.5	59.5	64.4	70.4	73.8	81.2	84.3	85.0	90.1	91.6	91.8	92.3	92.3	92.3	93.0
GE 700	48.2	54.5	59.5	64.4	70.6	74.0	81.9	85.1	86.0	91.3	93.0	93.2	93.7	93.7	93.7	94.4
GE 600	48.2	54.5	59.5	64.4	70.6	74.0	82.1	85.5	86.3	92.1	94.9	95.0	95.6	95.6	95.6	96.2
GE 500	48.2	54.5	59.5	64.4	70.6	74.0	82.1	85.5	86.3	92.5	96.1	96.2	97.3	97.3	97.3	97.9
GE 400	48.2	54.5	59.5	64.4	70.6	74.0	82.1	85.5	86.7	93.0	96.8	96.9	98.3	98.3	98.6	99.5
GE 300	48.2	54.5	59.5	64.4	70.6	74.0	82.1	85.5	86.7	93.0	96.8	96.9	98.6	98.6	99.0	100.0
GE 200	48.2	54.5	59.5	64.4	70.6	74.0	82.1	85.5	86.7	93.0	96.8	96.9	98.6	98.6	99.0	100.0
GE 100	48.2	54.5	59.5	64.4	70.6	74.0	82.1	85.5	86.7	93.0	96.8	96.9	98.6	98.6	99.0	100.0
GE 000	48.2	54.5	59.5	64.4	70.6	74.0	82.1	85.5	86.7	93.0	96.8	96.9	98.6	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 585

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MJIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.9	41.0	43.2	46.0	48.4	48.7	49.4	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 20000	40.5	44.5	46.8	49.9	52.7	53.1	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 18000	40.7	44.6	46.9	50.0	52.8	53.2	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 16000	40.7	44.6	46.9	50.1	53.0	53.3	54.3	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 14000	40.9	44.9	47.4	50.6	53.4	53.8	54.9	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 12000	41.3	45.4	48.3	51.5	54.3	54.7	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 10000	44.3	48.7	51.7	55.7	59.0	59.5	60.8	61.0	61.0	61.2	61.3	61.3	61.3	61.3	61.3	61.3
GE 9000	44.4	49.0	52.1	56.0	59.3	59.8	61.2	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6
GE 8000	47.3	52.5	56.0	60.5	63.9	64.4	65.7	66.4	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6
GE 7000	48.9	54.3	58.0	62.4	65.9	66.5	67.9	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8
GE 6000	49.1	54.8	58.7	63.3	67.2	67.8	69.1	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0
GE 5000	49.8	55.6	59.6	64.4	68.3	69.0	70.5	71.2	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5
GE 4500	50.6	56.5	60.7	65.7	69.7	70.4	71.9	72.6	72.6	72.7	72.9	72.9	72.9	72.9	72.9	72.9
GE 4000	52.6	58.7	63.4	68.8	73.2	74.1	75.7	76.4	76.4	76.7	77.0	77.0	77.0	77.0	77.0	77.0
GE 3500	53.9	60.3	65.1	70.6	75.3	76.2	77.9	78.7	78.7	78.9	79.3	79.3	79.3	79.3	79.3	79.3
GE 3000	56.3	62.6	67.9	73.8	78.5	79.4	81.5	82.3	82.5	82.7	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	57.2	63.8	69.2	75.3	80.2	81.2	83.5	84.3	84.4	84.6	85.0	85.0	85.0	85.0	85.0	85.0
GE 2000	57.6	64.5	70.2	76.4	82.1	83.4	86.1	87.2	87.4	87.6	87.9	87.9	87.9	87.9	87.9	87.9
GE 1800	57.9	64.9	70.6	76.9	82.6	83.8	86.6	87.7	87.8	88.0	88.4	88.4	88.4	88.4	88.4	88.4
GE 1500	58.5	65.6	71.6	78.5	84.5	86.1	89.0	90.2	90.3	90.5	91.0	91.0	91.0	91.0	91.0	91.0
GE 1200	59.2	66.5	73.0	80.2	86.6	88.3	91.1	92.7	92.8	93.3	93.7	93.7	93.7	93.7	93.7	93.7
GE 1000	59.3	66.9	73.5	80.6	87.6	89.7	93.1	95.1	95.2	95.7	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	59.3	66.9	73.5	80.6	87.7	89.9	93.5	95.7	95.8	96.2	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	59.3	66.9	73.5	80.6	87.8	90.0	94.0	96.2	96.4	96.8	97.3	97.3	97.3	97.5	97.5	97.5
GE 700	59.3	66.9	73.5	80.6	87.8	90.0	94.2	96.5	96.7	97.2	97.7	97.7	97.7	97.9	97.9	97.9
GE 600	59.3	66.9	73.5	80.6	87.8	90.0	94.3	96.6	97.0	97.8	98.5	98.5	98.6	98.9	98.9	98.9
GE 500	59.3	66.9	73.5	80.6	87.8	90.0	94.4	96.7	97.2	98.1	99.1	99.1	99.2	99.4	99.4	99.4
GE 400	59.3	66.9	73.5	80.6	87.8	90.0	94.4	96.7	97.2	98.2	99.3	99.3	99.4	99.8	99.8	99.8
GE 300	59.3	66.9	73.5	80.6	87.8	90.0	94.4	96.7	97.2	98.2	99.4	99.5	99.7	100.0	100.0	100.0
GE 200	59.3	66.9	73.5	80.6	87.8	90.0	94.4	96.7	97.2	98.2	99.4	99.5	99.7	100.0	100.0	100.0
GE 100	59.3	66.9	73.5	80.6	87.8	90.0	94.4	96.7	97.2	98.2	99.4	99.5	99.7	100.0	100.0	100.0
GE 000	59.3	66.9	73.5	80.6	87.8	90.0	94.4	96.7	97.2	98.2	99.4	99.5	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 878

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.3	44.1	47.3	49.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 20000	47.5	51.2	54.6	56.6	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000	48.0	51.8	55.2	57.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 16000	48.0	51.8	55.2	57.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 14000	48.1	52.6	56.0	57.9	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 12000	48.5	53.3	56.7	58.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 10000	51.1	56.0	59.8	61.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 9000	51.4	56.3	60.1	62.3	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 8000	55.2	60.8	65.1	67.7	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 7000	56.8	62.5	67.0	69.5	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 6000	57.6	63.3	67.8	70.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 5000	59.2	65.1	69.8	72.8	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 4500	59.8	65.8	70.7	73.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4000	62.7	69.3	74.3	78.1	80.3	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3500	64.3	71.2	76.7	80.8	83.4	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 3000	67.0	74.7	81.0	85.9	88.9	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2500	67.9	76.1	82.5	87.9	90.9	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2000	69.6	78.9	85.6	91.7	94.6	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1800	69.6	78.9	85.6	91.8	94.7	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1500	69.9	79.2	86.2	92.5	96.0	96.5	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	69.9	79.3	86.3	92.6	96.3	96.9	97.4	97.5	97.5	97.6	97.6	97.6	97.8	97.8	97.8	97.8
GE 1000	70.2	79.5	86.5	92.8	96.6	97.1	97.6	97.7	97.8	98.3	98.3	98.3	98.5	98.5	98.5	98.5
GE 900	70.2	79.5	86.5	92.8	96.6	97.1	97.6	97.7	97.8	98.3	98.3	98.3	98.5	98.5	98.5	98.5
GE 800	70.2	79.5	86.5	92.8	96.6	97.1	97.7	98.1	98.2	98.6	98.6	98.6	98.9	98.9	98.9	98.9
GE 700	70.2	79.5	86.5	92.8	96.6	97.1	97.8	98.2	98.3	98.7	98.7	98.7	99.0	99.0	99.0	99.0
GE 600	70.2	79.5	86.5	92.8	96.6	97.1	97.9	98.3	98.6	99.1	99.1	99.1	99.3	99.3	99.3	99.3
GE 500	70.2	79.5	86.5	92.8	96.6	97.1	98.1	98.5	98.9	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 400	70.2	79.5	86.5	92.8	96.6	97.1	98.1	98.5	98.9	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	70.2	79.5	86.5	92.8	96.6	97.1	98.1	98.5	98.9	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	70.2	79.5	86.5	92.8	96.6	97.1	98.1	98.5	98.9	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	70.2	79.5	86.5	92.8	96.6	97.1	98.1	98.5	98.9	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	70.2	79.5	86.5	92.8	96.6	97.1	98.1	98.5	98.9	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 875

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.6	47.2	48.2	49.6	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 20000	49.7	54.6	55.9	57.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 18000	50.4	55.3	56.6	58.3	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 16000	50.4	55.3	56.6	58.3	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 14000	50.6	55.8	57.1	58.8	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 12000	51.4	56.9	58.3	60.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 10000	54.6	60.4	62.1	63.9	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 9000	54.6	60.4	62.3	64.1	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 8000	57.6	63.9	66.6	68.9	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 7000	59.4	65.8	68.6	71.0	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 6000	60.1	66.4	69.4	71.8	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 5000	61.8	68.4	71.5	74.3	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 4500	63.1	69.8	73.1	76.1	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4000	65.1	73.1	76.8	80.0	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3500	67.6	75.6	79.6	83.8	85.8	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3000	70.6	80.6	85.6	90.5	92.8	93.2	93.3	93.5	93.5	93.5	93.7	93.7	93.8	93.8	93.8	93.8
GE 2500	71.0	81.3	86.6	91.5	94.0	94.3	94.5	94.7	94.7	94.7	94.8	94.8	95.0	95.0	95.0	95.0
GE 2000	72.1	82.6	88.0	93.0	95.8	96.2	96.7	96.8	96.8	96.8	97.0	97.0	97.2	97.2	97.2	97.2
GE 1800	72.1	82.6	88.0	93.0	95.8	96.3	96.8	97.0	97.0	97.0	97.2	97.2	97.3	97.3	97.3	97.3
GE 1500	72.3	82.8	88.1	93.5	96.5	97.0	97.5	97.7	97.7	97.7	97.8	97.8	98.0	98.0	98.0	98.0
GE 1200	72.3	82.8	88.1	93.5	96.5	97.2	97.7	97.8	97.8	98.0	98.2	98.2	98.3	98.3	98.3	98.3
GE 1000	72.3	82.8	88.1	93.5	96.7	97.3	97.8	98.0	98.0	98.5	98.7	98.7	98.8	98.8	98.8	98.8
GE 900	72.3	82.8	88.1	93.5	96.7	97.3	98.0	98.3	98.3	98.8	99.0	99.0	99.2	99.2	99.2	99.2
GE 800	72.3	82.8	88.1	93.5	96.7	97.3	98.0	98.3	98.3	99.2	99.3	99.3	99.5	99.5	99.5	99.5
GE 700	72.3	82.8	88.1	93.5	96.7	97.3	98.0	98.3	98.3	99.2	99.3	99.3	99.5	99.5	99.5	99.5
GE 600	72.3	82.8	88.1	93.5	96.7	97.3	98.0	98.3	98.3	99.2	99.3	99.3	99.5	99.5	99.5	99.5
GE 500	72.3	82.8	88.1	93.5	96.7	97.3	98.3	98.7	98.7	99.5	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	72.3	82.8	88.1	93.5	96.7	97.3	98.3	98.7	98.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	72.3	82.8	88.1	93.5	96.7	97.3	98.3	98.7	98.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	72.3	82.8	88.1	93.5	96.7	97.3	98.3	98.7	98.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	72.3	82.8	88.1	93.5	96.7	97.3	98.3	98.7	98.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	72.3	82.8	88.1	93.5	96.7	97.3	98.3	98.7	98.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 599

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.7	43.6	45.6	48.5	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 20000	49.1	52.9	55.9	59.7	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 18000	49.3	53.1	56.2	59.9	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 16000	49.3	53.1	56.2	59.9	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 14000	49.3	53.7	56.8	61.2	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 12000	49.6	54.2	58.6	63.0	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 10000	52.4	57.0	61.7	66.1	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 9000	52.4	57.0	61.7	66.1	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 8000	55.9	60.8	65.6	70.7	72.9	73.6	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 7000	58.1	63.2	68.5	73.8	76.4	77.1	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 6000	58.4	63.4	68.9	74.4	77.1	77.8	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 5000	59.0	64.3	70.0	75.8	78.4	79.1	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4500	60.4	66.1	71.8	77.5	80.6	81.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4000	62.8	68.7	74.7	80.8	84.4	85.2	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3500	63.9	69.8	76.0	82.4	86.1	87.0	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3000	67.4	73.6	80.2	87.2	91.4	92.3	94.7	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2
GE 2500	67.4	73.6	80.4	87.4	92.1	93.0	95.4	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	68.1	74.2	81.1	88.1	92.7	93.8	96.9	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	68.1	74.2	81.1	88.1	92.7	93.8	96.9	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	68.1	74.2	81.1	88.3	93.0	94.1	97.1	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	68.1	74.2	81.1	88.3	93.2	94.3	97.4	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	68.1	74.2	81.1	88.3	93.2	94.3	97.4	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	68.1	74.2	81.1	88.3	93.2	94.3	97.4	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	68.1	74.2	81.1	88.3	93.2	94.3	97.6	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	68.1	74.2	81.3	88.5	93.4	94.5	98.0	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	68.1	74.2	81.3	88.5	93.4	94.5	98.0	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	68.1	74.2	81.3	88.5	93.4	94.5	98.2	98.9	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	68.1	74.2	81.3	88.5	93.4	94.5	98.2	99.1	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	68.1	74.2	81.3	88.5	93.4	94.5	98.2	99.1	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	68.1	74.2	81.3	88.5	93.4	94.5	98.2	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.1	74.2	81.3	88.5	93.4	94.5	98.2	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	68.1	74.2	81.3	88.5	93.4	94.5	98.2	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 454

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.3	51.5	54.1	56.8	61.0	61.0	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 20000	52.0	56.5	59.7	62.3	67.1	67.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 18000	52.8	57.3	60.5	63.1	67.9	68.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 16000	52.8	57.3	60.5	63.1	67.9	68.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 14000	53.3	57.8	61.0	65.3	70.0	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 12000	53.3	57.8	62.1	66.3	71.1	71.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 10000	55.7	60.2	64.5	68.7	74.3	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 9000	55.7	60.2	64.5	68.7	74.3	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 8000	57.8	62.3	67.4	71.6	77.5	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 7000	58.4	62.9	67.9	72.4	78.8	79.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 6000	58.4	62.9	67.9	72.4	78.8	79.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 5000	58.4	62.9	68.4	72.9	79.8	80.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4500	59.9	64.5	70.0	75.6	83.3	83.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4000	60.5	65.8	71.9	77.5	85.9	86.7	88.1	88.1	88.1	88.1	88.1	88.1	88.6	88.6	88.6	88.6
GE 3500	60.7	66.0	72.1	77.7	86.7	87.5	88.9	89.1	89.1	89.1	89.1	89.1	89.7	89.7	89.7	89.7
GE 3000	62.3	68.4	74.8	81.2	91.2	92.0	94.2	94.4	94.4	94.4	94.4	94.4	95.0	95.0	95.0	95.0
GE 2500	62.3	68.4	75.3	81.7	92.0	92.8	95.2	95.5	95.5	95.5	95.5	95.5	96.0	96.0	96.0	96.0
GE 2000	62.9	69.0	75.9	82.2	92.6	93.4	95.8	96.0	96.0	96.3	96.3	96.3	96.8	96.8	96.8	96.8
GE 1800	62.9	69.0	75.9	82.2	92.6	93.4	95.8	96.0	96.0	96.3	96.3	96.3	96.8	96.8	96.8	96.8
GE 1500	62.9	69.0	75.9	82.8	93.4	94.2	96.6	96.8	96.8	97.1	97.1	97.1	97.6	97.6	97.6	97.6
GE 1200	62.9	69.0	75.9	82.8	93.4	94.2	96.6	96.8	96.8	97.1	97.1	97.1	97.6	97.6	97.6	97.6
GE 1000	62.9	69.0	75.9	82.8	93.4	95.0	97.3	97.6	97.6	97.9	97.9	97.9	98.4	98.4	98.4	98.4
GE 900	62.9	69.0	75.9	82.8	93.4	95.0	97.3	97.6	97.6	97.9	97.9	97.9	98.4	98.4	98.4	98.4
GE 800	62.9	69.0	75.9	82.8	93.4	95.0	97.3	97.6	97.6	97.9	97.9	97.9	98.4	98.4	98.4	98.4
GE 700	62.9	69.0	75.9	82.8	93.4	95.0	97.9	98.1	98.1	98.4	98.4	98.4	98.9	98.9	98.9	98.9
GE 600	62.9	69.0	75.9	82.8	93.4	95.0	97.9	98.4	98.4	98.7	98.7	98.7	99.2	99.2	99.2	99.2
GE 500	62.9	69.0	75.9	82.8	93.4	95.0	97.9	98.4	98.4	98.7	98.7	98.7	99.2	99.2	99.2	99.2
GE 400	62.9	69.0	75.9	82.8	93.4	95.0	97.9	98.4	98.4	98.7	98.7	98.7	99.2	99.2	99.2	99.2
GE 300	62.9	69.0	75.9	82.8	93.4	95.0	97.9	98.4	98.4	98.7	98.7	98.9	99.5	99.5	99.5	99.5
GE 200	62.9	69.0	75.9	82.8	93.4	95.0	97.9	98.4	98.4	98.7	98.7	99.2	99.7	99.7	99.7	99.7
GE 100	62.9	69.0	75.9	82.8	93.4	95.0	97.9	98.4	98.4	98.7	98.7	99.2	100.0	100.0	100.0	100.0
GE 000	62.9	69.0	75.9	82.8	93.4	95.0	97.9	98.4	98.4	98.7	98.7	99.2	100.0	100.0	100.0	100.0

TOTAL NUMBE OF OBSERVATIONS 377

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.9	43.2	45.5	47.8	49.7	50.0	50.7	50.9	50.9	51.0	51.1	51.1	51.2	51.2	51.2	51.3
GE 20000	44.6	48.7	51.4	53.9	56.1	56.4	57.4	57.5	57.5	57.7	57.8	57.8	57.9	57.9	57.9	57.9
GE 18000	44.9	49.1	51.7	54.2	56.5	56.8	57.7	57.9	57.9	58.1	58.1	58.2	58.3	58.3	58.3	58.3
GE 16000	44.9	49.1	51.8	54.3	56.6	56.9	57.8	58.0	58.0	58.1	58.2	58.3	58.3	58.3	58.3	58.4
GE 14000	45.1	49.6	52.3	55.1	57.4	57.7	58.7	58.8	58.8	59.1	59.2	59.2	59.2	59.2	59.2	59.3
GE 12000	45.6	50.3	53.3	56.2	58.5	58.8	59.7	59.9	59.9	60.1	60.2	60.2	60.3	60.3	60.3	60.4
GE 10000	48.6	53.5	56.8	59.9	62.4	62.8	63.9	64.1	64.1	64.4	64.5	64.5	64.6	64.6	64.6	64.7
GE 9000	48.7	53.6	57.0	60.1	62.6	63.0	64.1	64.3	64.3	64.6	64.8	64.8	64.8	64.8	64.8	64.9
GE 8000	51.8	57.1	61.0	64.6	67.4	67.8	69.0	69.4	69.4	69.8	70.0	70.0	70.0	70.0	70.0	70.1
GE 7000	53.2	58.7	62.7	66.3	69.3	69.8	71.0	71.4	71.4	71.7	71.9	71.9	72.0	72.0	72.0	72.1
GE 6000	53.7	59.2	63.3	67.1	70.1	70.6	71.8	72.2	72.2	72.6	72.8	72.8	72.9	72.9	72.9	73.0
GE 5000	54.6	60.3	64.7	68.7	71.8	72.3	73.6	74.0	74.1	74.5	74.7	74.7	74.8	74.8	74.8	74.9
GE 4500	55.6	61.5	66.0	70.2	73.6	74.1	75.5	75.8	75.9	76.3	76.5	76.5	76.6	76.6	76.6	76.7
GE 4000	57.7	64.1	68.9	73.4	77.1	77.8	79.2	79.7	79.7	80.2	80.5	80.5	80.6	80.6	80.6	80.7
GE 3500	59.0	65.5	70.6	75.4	79.4	80.1	81.7	82.2	82.2	82.7	83.0	83.0	83.1	83.1	83.1	83.3
GE 3000	61.4	68.6	74.2	79.7	83.9	84.7	86.5	87.0	87.1	87.6	88.0	88.0	88.1	88.1	88.1	88.2
GE 2500	61.9	69.3	75.2	80.7	85.2	86.0	87.9	88.4	88.5	89.0	89.4	89.4	89.5	89.5	89.5	89.6
GE 2000	62.8	70.5	76.5	82.3	87.1	88.0	90.2	90.8	90.9	91.5	91.9	91.9	92.0	92.0	92.0	92.1
GE 1800	62.8	70.6	76.6	82.5	87.3	88.2	90.4	91.0	91.1	91.7	92.1	92.1	92.2	92.2	92.2	92.3
GE 1500	63.2	71.0	77.2	83.4	88.5	89.5	91.9	92.6	92.7	93.4	93.7	93.8	93.9	93.9	93.9	94.0
GE 1200	63.5	71.3	77.6	83.8	89.1	90.3	92.7	93.6	93.6	94.4	94.8	94.8	95.0	95.0	95.0	95.1
GE 1000	63.6	71.5	77.8	84.1	89.6	91.1	93.7	94.7	94.8	95.8	96.2	96.3	96.5	96.5	96.5	96.6
GE 900	63.6	71.5	77.8	84.1	89.7	91.2	94.0	95.1	95.2	96.3	96.7	96.8	97.0	97.0	97.0	97.1
GE 800	63.6	71.5	77.8	84.1	89.8	91.3	94.3	95.5	95.6	96.8	97.2	97.2	97.5	97.5	97.5	97.6
GE 700	63.6	71.5	77.8	84.2	89.8	91.4	94.6	95.8	96.0	97.2	97.7	97.7	97.9	98.0	98.0	98.1
GE 600	63.6	71.5	77.8	84.2	89.8	91.4	94.6	96.0	96.3	97.6	98.3	98.3	98.5	98.6	98.6	98.7
GE 500	63.6	71.5	77.8	84.2	89.8	91.4	94.8	96.1	96.4	98.0	98.8	98.9	99.2	99.2	99.2	99.3
GE 400	63.6	71.5	77.8	84.2	89.8	91.4	94.8	96.2	96.5	98.2	99.1	99.1	99.5	99.6	99.6	99.8
GE 300	63.6	71.5	77.8	84.2	89.8	91.4	94.8	96.2	96.5	98.2	99.1	99.2	99.6	99.7	99.8	99.9
GE 200	63.6	71.5	77.8	84.2	89.8	91.4	94.8	96.2	96.5	98.2	99.2	99.3	99.7	99.8	99.8	100.0
GE 100	63.6	71.5	77.8	84.2	89.8	91.4	94.8	96.2	96.5	98.2	99.2	99.3	99.7	99.8	99.8	100.0
GE 000	63.6	71.5	77.8	84.2	89.8	91.4	94.8	96.2	96.5	98.2	99.2	99.3	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.2	40.6	43.2	44.5	46.7	48.0	50.0	50.0	50.0	50.7	51.8	51.8	52.9	53.3	53.5	54.0
GE 20000	39.9	42.3	44.9	46.1	48.3	49.8	51.8	51.8	51.8	52.8	53.9	53.9	55.0	55.3	55.5	56.1
GE 18000	40.6	43.0	45.6	46.9	49.1	50.6	52.6	52.6	52.6	53.5	54.6	54.6	55.7	56.1	56.3	56.8
GE 16000	40.8	43.2	45.8	47.1	49.3	50.7	52.8	52.8	52.8	53.7	54.8	54.8	55.9	56.3	56.4	57.0
GE 14000	40.8	43.2	45.8	47.1	49.3	50.7	52.8	52.8	52.8	53.7	54.8	54.8	55.9	56.3	56.4	57.0
GE 12000	41.7	44.1	46.9	48.2	50.6	52.0	54.0	54.0	54.2	55.1	56.3	56.3	57.4	57.7	57.9	58.5
GE 10000	42.6	45.0	48.0	49.3	51.8	53.5	55.7	55.7	55.9	56.8	57.9	57.9	59.0	59.4	59.6	60.1
GE 9000	43.4	45.8	48.7	50.0	52.6	54.2	56.4	56.4	56.6	57.5	58.6	58.6	59.7	60.1	60.3	60.8
GE 8000	45.0	47.8	50.9	52.4	55.5	57.4	59.9	59.9	60.1	61.2	62.5	62.5	63.6	64.0	64.2	64.7
GE 7000	45.8	48.7	51.8	53.3	56.4	58.3	61.2	61.2	61.4	62.5	64.3	64.3	65.4	65.8	66.0	66.5
GE 6000	46.1	49.1	52.2	53.7	56.8	58.6	61.6	61.6	61.8	62.9	64.7	64.7	65.8	66.2	66.4	66.9
GE 5000	48.2	51.5	55.0	56.6	59.7	61.6	65.1	65.1	65.3	66.4	68.2	68.2	69.3	69.7	69.9	70.4
GE 4500	48.5	52.0	55.5	57.2	60.3	62.1	65.6	65.6	65.8	66.9	68.9	68.9	70.0	70.4	70.6	71.1
GE 4000	50.0	53.5	57.4	59.0	62.1	64.0	67.5	67.6	67.8	68.9	71.0	71.0	72.1	72.4	72.6	73.2
GE 3500	50.7	54.2	58.1	59.7	62.9	64.7	68.2	68.4	68.6	69.7	71.7	71.7	72.8	73.2	73.3	73.9
GE 3000	52.4	56.4	60.5	62.1	65.4	67.6	71.3	71.5	71.7	72.8	75.0	75.0	76.1	76.5	76.7	77.2
GE 2500	52.4	56.4	60.5	62.3	66.0	68.2	71.9	72.2	72.4	73.5	75.7	75.7	76.8	77.2	77.4	77.9
GE 2000	53.3	57.5	61.9	64.0	68.0	70.2	73.9	74.3	74.4	75.6	77.8	77.8	78.9	79.2	79.6	80.1
GE 1800	53.3	57.5	61.9	64.0	68.0	70.2	73.9	74.3	74.4	75.6	77.8	77.8	78.9	79.2	79.6	80.1
GE 1500	54.0	58.5	63.1	65.4	70.4	72.8	76.8	77.2	77.4	78.7	81.6	81.6	82.7	83.1	83.5	84.0
GE 1200	54.4	58.8	63.4	66.0	71.3	73.7	78.3	78.7	78.9	80.1	83.3	83.3	84.6	84.9	85.3	85.8
GE 1000	54.6	59.2	63.8	66.7	72.6	75.0	79.8	80.5	80.7	82.5	85.7	85.8	87.3	87.7	88.1	88.6
GE 900	54.6	59.2	64.2	67.1	73.2	75.6	80.5	81.6	81.8	83.6	86.8	86.9	88.4	89.0	89.5	90.1
GE 800	54.6	59.4	64.3	67.5	73.5	76.1	81.3	82.4	82.5	84.9	88.4	88.6	90.1	90.6	91.2	91.7
GE 700	54.6	59.4	64.3	67.5	73.7	76.3	81.6	82.7	82.9	85.5	89.3	89.7	91.2	91.7	92.3	92.8
GE 600	54.6	59.4	64.3	67.5	73.7	76.5	81.8	83.3	83.5	87.1	91.5	91.9	93.4	93.9	94.5	95.0
GE 500	54.6	59.4	64.3	67.5	73.7	76.5	82.0	83.5	83.6	87.5	91.9	92.3	93.8	94.3	94.9	95.4
GE 400	54.6	59.4	64.3	67.6	73.9	76.7	82.2	84.0	84.2	88.4	93.2	93.6	95.2	95.8	96.3	96.9
GE 300	54.6	59.4	64.3	67.6	73.9	76.7	82.2	84.0	84.2	88.6	93.4	93.9	95.8	96.3	96.9	97.6
GE 200	54.6	59.4	64.3	67.6	73.9	76.7	82.2	84.0	84.2	88.6	93.6	94.1	96.0	96.5	97.1	98.0
GE 100	54.6	59.4	64.3	67.6	73.9	76.7	82.2	84.0	84.2	88.6	93.6	94.1	96.1	96.7	97.6	99.3
GE 000	54.6	59.4	64.3	67.6	73.9	76.7	82.2	84.0	84.2	88.6	93.6	94.1	96.1	96.7	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 544

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.6	45.8	48.2	50.1	52.3	52.9	53.1	53.3	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.6
GE 20000	45.4	48.7	51.3	53.1	55.3	56.0	56.2	56.3	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7
GE 18000	46.1	49.6	52.1	54.0	56.2	56.8	57.1	57.2	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5
GE 16000	46.4	49.9	52.5	54.4	56.6	57.2	57.4	57.5	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9
GE 14000	46.6	50.2	52.8	54.6	56.8	57.4	57.7	57.8	57.9	58.0	58.2	58.2	58.2	58.2	58.2	58.2
GE 12000	47.6	51.2	53.7	55.6	57.8	58.4	58.7	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1
GE 10000	49.0	52.6	55.5	57.7	60.0	60.6	60.9	61.0	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3
GE 9000	49.1	52.8	55.6	57.8	60.1	60.7	61.0	61.1	61.2	61.3	61.5	61.5	61.5	61.5	61.5	61.5
GE 8000	50.9	54.8	57.8	60.2	62.9	63.7	64.0	64.2	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8
GE 7000	51.5	55.6	58.7	61.1	63.9	64.7	65.2	65.3	65.5	65.8	65.9	65.9	65.9	65.9	65.9	65.9
GE 6000	51.9	56.0	59.0	61.5	64.4	65.3	65.8	65.9	66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.5
GE 5000	53.5	57.5	60.9	63.3	66.6	67.5	68.1	68.2	68.5	68.8	69.0	69.0	69.0	69.0	69.0	69.0
GE 4500	54.2	58.4	61.8	64.5	67.9	68.7	69.4	69.6	69.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3
GE 4000	56.0	60.2	63.8	66.5	69.9	70.9	71.7	71.8	72.0	72.4	72.5	72.5	72.5	72.5	72.5	72.5
GE 3500	57.3	61.6	65.2	67.9	71.3	72.3	73.1	73.3	73.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0
GE 3000	59.4	64.0	68.0	71.0	76.0	77.3	78.2	78.3	78.5	78.9	79.0	79.0	79.0	79.0	79.0	79.0
GE 2500	60.1	64.9	68.8	71.9	76.8	78.3	79.3	79.4	79.6	80.0	80.1	80.1	80.1	80.1	80.1	80.1
GE 2000	61.6	66.4	70.7	74.1	79.8	81.2	82.3	82.5	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.2
GE 1800	61.6	66.6	70.9	74.4	80.2	81.7	82.8	82.9	83.2	83.6	83.7	83.7	83.7	83.7	83.7	83.7
GE 1500	63.2	68.5	73.0	76.7	83.6	85.3	86.4	86.6	86.9	87.2	87.4	87.4	87.4	87.4	87.4	87.4
GE 1200	63.3	68.6	73.3	77.5	84.8	86.7	87.9	88.3	88.6	89.0	89.2	89.2	89.2	89.2	89.2	89.2
GE 1000	64.4	69.7	74.5	79.0	86.7	89.0	90.2	90.9	91.2	91.8	92.3	92.3	92.3	92.3	92.3	92.3
GE 900	64.4	69.7	74.5	79.1	87.0	89.2	90.6	91.7	91.9	92.5	93.0	93.0	93.0	93.0	93.0	93.0
GE 800	64.4	69.7	74.6	79.5	87.6	90.1	91.9	93.0	93.3	94.1	94.8	94.8	94.8	94.8	94.8	94.8
GE 700	64.5	69.8	74.7	79.6	87.7	90.2	92.1	93.3	93.5	95.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	64.5	69.8	74.7	79.6	87.7	90.4	92.8	94.1	94.4	96.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	64.5	69.8	74.7	79.6	87.7	90.4	92.8	94.4	94.6	96.8	98.2	98.2	98.3	98.3	98.3	98.3
GE 400	64.5	69.8	74.7	79.6	87.7	90.4	92.8	94.6	94.8	97.4	99.0	99.0	99.3	99.3	99.3	99.3
GE 300	64.5	69.8	74.7	79.6	87.7	90.4	92.8	94.6	94.8	97.5	99.1	99.1	99.4	99.5	99.5	99.6
GE 200	64.5	69.8	74.7	79.6	87.7	90.4	92.8	94.6	94.8	97.5	99.3	99.3	99.5	99.6	99.6	99.8
GE 100	64.5	69.8	74.7	79.6	87.7	90.4	92.8	94.6	94.8	97.5	99.3	99.3	99.5	99.6	99.6	99.9
GE 000	64.5	69.8	74.7	79.6	87.7	90.4	92.8	94.6	94.8	97.5	99.3	99.3	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 815

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.8	49.0	50.2	51.4	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 20000	51.1	53.5	54.7	55.9	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 18000	51.6	54.0	55.2	56.4	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 16000	51.6	54.0	55.2	56.4	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 14000	52.1	54.4	55.7	57.0	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 12000	53.2	55.7	56.9	58.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 10000	55.3	57.8	59.0	60.4	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 9000	55.9	58.4	59.8	61.2	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 8000	58.1	60.7	62.5	64.0	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 7000	59.4	62.0	63.7	65.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 6000	60.0	62.6	64.3	65.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 5000	61.2	64.1	66.0	67.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4500	62.5	65.4	67.4	69.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4000	67.4	71.0	73.2	74.9	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 3500	68.0	71.6	73.8	75.6	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3000	71.7	76.0	78.4	80.7	82.8	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 2500	72.8	77.2	79.6	82.2	84.3	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2000	74.4	79.6	82.3	85.8	88.6	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1800	74.6	79.8	82.5	86.0	89.1	89.4	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	75.1	80.4	83.7	87.8	91.6	91.9	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1200	75.8	81.2	84.6	88.9	93.6	94.1	94.9	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1000	76.3	81.9	85.3	89.6	94.8	95.6	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	76.3	81.9	85.3	89.6	95.2	95.9	97.0	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	76.3	81.9	85.3	89.6	95.2	95.9	97.2	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	76.3	81.9	85.3	89.6	95.2	95.9	97.3	97.5	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	76.3	81.9	85.3	89.6	95.2	95.9	97.3	97.7	97.8	98.3	98.3	98.6	98.6	98.6	98.6	98.6
GE 500	76.3	81.9	85.3	89.6	95.2	95.9	97.3	98.1	98.3	99.0	99.3	99.6	99.6	99.6	99.6	99.6
GE 400	76.3	81.9	85.3	89.6	95.2	95.9	97.3	98.5	98.6	99.4	99.6	100.0	100.0	100.0	100.0	100.0
GE 300	76.3	81.9	85.3	89.6	95.2	95.9	97.3	98.5	98.6	99.4	99.6	100.0	100.0	100.0	100.0	100.0
GE 200	76.3	81.9	85.3	89.6	95.2	95.9	97.3	98.5	98.6	99.4	99.6	100.0	100.0	100.0	100.0	100.0
GE 100	76.3	81.9	85.3	89.6	95.2	95.9	97.3	98.5	98.6	99.4	99.6	100.0	100.0	100.0	100.0	100.0
GE 000	76.3	81.9	85.3	89.6	95.2	95.9	97.3	98.5	98.6	99.4	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION ABE: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.9	50.4	52.7	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 20000	54.8	56.2	58.7	59.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 18000	55.3	56.8	59.3	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 16000	55.3	56.8	59.3	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 14000	55.9	57.3	59.8	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 12000	57.5	58.9	61.6	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 10000	59.8	61.4	64.1	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 9000	60.1	61.7	64.6	65.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 8000	63.0	64.6	67.4	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 7000	64.9	66.5	69.4	70.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 6000	65.7	67.3	70.1	71.4	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 5000	67.8	69.6	72.4	73.7	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	68.9	70.6	73.5	74.7	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 4000	71.2	73.5	76.9	78.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3500	72.1	74.6	78.1	80.1	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3000	75.8	78.8	83.1	85.4	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2500	77.0	80.2	84.7	87.2	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2000	77.4	81.3	87.0	90.2	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	77.4	81.3	87.5	90.9	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	78.1	82.0	88.3	91.8	94.8	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	78.5	82.4	88.8	92.5	95.7	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1000	79.0	83.1	89.9	93.6	96.8	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	79.0	83.1	89.9	93.6	96.8	97.2	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	79.0	83.1	89.9	93.6	96.8	97.2	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	79.0	83.1	89.9	93.6	96.8	97.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	79.0	83.1	89.9	93.6	96.8	97.2	98.2	98.2	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	79.0	83.1	89.9	93.6	96.8	97.2	98.2	98.4	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	79.0	83.1	89.9	93.6	96.8	97.2	98.2	98.6	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	79.0	83.1	89.9	93.6	96.8	97.2	98.2	98.6	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	79.0	83.1	89.9	93.6	96.8	97.2	98.2	98.6	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	79.0	83.1	89.9	93.6	96.8	97.2	98.2	98.6	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	79.0	83.1	89.9	93.6	96.8	97.2	98.2	98.6	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 562

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.4	53.3	55.1	56.0	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 20000	57.9	60.0	62.3	63.5	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 18000	58.6	60.7	63.0	64.2	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 16000	58.6	60.7	63.0	64.2	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000	59.5	61.6	64.0	65.1	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	60.9	63.0	65.3	66.5	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 10000	63.7	66.5	68.8	70.7	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 9000	64.0	66.7	69.1	70.9	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 8000	68.4	71.2	73.7	75.8	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 7000	69.3	72.1	74.7	76.7	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 6000	69.5	72.3	74.9	77.0	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 5000	70.9	74.0	76.5	78.6	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4500	71.2	74.2	76.7	78.8	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 4000	73.0	76.5	79.1	81.6	84.7	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3500	73.3	76.7	79.3	81.9	84.9	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	74.7	78.1	80.9	83.7	87.2	88.4	89.1	89.1	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5
GE 2500	75.8	79.3	83.0	86.3	90.0	91.2	91.9	91.9	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3
GE 2000	76.7	80.2	84.2	87.7	91.6	92.8	93.5	93.5	93.5	93.7	94.2	94.2	94.2	94.2	94.2	94.2
GE 1800	76.7	80.2	84.2	87.7	91.6	92.8	93.5	93.5	93.5	94.0	94.4	94.4	94.4	94.4	94.4	94.4
GE 1500	77.2	80.9	84.9	88.6	93.7	94.9	96.0	96.0	96.0	96.5	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	77.7	81.4	85.3	89.1	94.4	95.6	96.7	96.7	96.7	97.2	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	77.7	81.6	85.6	89.3	94.7	95.8	97.0	97.2	97.2	97.7	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	77.7	81.6	85.6	89.3	94.7	95.8	97.0	97.4	97.4	97.9	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	77.7	81.6	85.6	89.3	94.9	96.0	97.2	97.7	97.7	98.1	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	77.7	81.6	85.6	89.3	94.9	96.0	97.2	97.7	97.7	98.1	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	77.7	81.6	85.6	89.3	94.9	96.0	97.2	97.7	97.7	98.8	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	77.7	81.6	85.6	89.3	94.9	96.0	97.2	97.7	97.7	98.8	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	77.7	81.6	85.6	89.3	94.9	96.0	97.2	97.7	97.7	99.1	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	77.7	81.6	85.6	89.3	94.9	96.0	97.2	97.7	97.7	99.1	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	77.7	81.6	85.6	89.3	94.9	96.0	97.2	97.7	97.7	99.1	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	77.7	81.6	85.6	89.3	94.9	96.0	97.2	97.7	97.7	99.1	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	77.7	81.6	85.6	89.3	94.9	96.0	97.2	97.7	97.7	99.1	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 430

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.1	49.3	54.0	56.5	57.6	57.6	57.9	58.7	58.7	58.7	58.7	58.7	59.3	59.3	59.3	59.3
GE 20000	49.6	51.8	57.3	60.9	63.2	63.2	63.7	64.5	64.5	64.8	64.8	64.8	65.7	65.7	65.7	65.7
GE 18000	49.6	51.8	57.3	60.9	63.2	63.2	63.7	64.5	64.5	64.8	64.8	64.8	65.7	65.7	65.7	65.7
GE 16000	49.6	51.8	57.3	60.9	63.2	63.2	63.7	64.5	64.5	64.8	64.8	64.8	65.7	65.7	65.7	65.7
GE 14000	50.1	52.4	57.9	61.5	63.7	63.7	64.3	65.1	65.1	65.4	65.4	65.4	66.2	66.2	66.2	66.2
GE 12000	51.8	54.0	59.6	63.2	65.4	65.4	65.9	66.8	66.8	67.0	67.0	67.0	67.9	67.9	67.9	67.9
GE 10000	54.3	57.1	62.9	66.5	70.1	70.1	70.6	71.5	71.5	71.7	71.7	71.7	72.6	72.6	72.6	72.6
GE 9000	54.3	57.1	62.9	66.5	70.1	70.1	70.6	71.5	71.5	71.7	71.7	71.7	72.6	72.6	72.6	72.6
GE 8000	57.6	60.4	67.0	70.6	75.1	75.1	75.9	76.7	76.7	77.0	77.0	77.0	77.8	77.8	77.8	77.8
GE 7000	58.4	61.2	67.9	71.5	75.9	75.9	76.7	77.6	77.6	77.8	77.8	77.8	78.7	78.7	78.7	78.7
GE 6000	58.4	61.2	67.9	72.0	76.5	76.5	77.3	78.1	78.1	78.4	78.4	78.4	79.2	79.2	79.2	79.2
GE 5000	60.7	63.7	70.6	74.8	79.2	79.2	80.1	80.9	80.9	81.2	81.2	81.2	82.0	82.0	82.0	82.0
GE 4500	61.2	64.3	71.2	75.3	79.8	79.8	80.6	81.4	81.4	81.7	81.7	81.7	82.5	82.5	82.5	82.5
GE 4000	62.9	65.9	72.9	77.3	81.7	81.7	82.8	84.2	84.2	84.5	84.5	84.5	85.3	85.3	85.3	85.3
GE 3500	63.2	66.2	73.1	77.6	82.5	82.5	83.7	85.0	85.0	85.3	85.3	85.3	86.1	86.1	86.1	86.1
GE 3000	63.7	66.8	74.2	78.9	83.9	83.9	85.3	86.7	86.7	87.0	87.8	87.8	88.6	88.6	88.6	88.6
GE 2500	64.8	67.9	75.3	80.1	85.9	85.9	87.3	88.6	88.6	88.9	89.8	89.8	90.6	90.6	90.6	90.6
GE 2000	64.8	67.9	75.9	81.2	87.0	87.5	88.9	91.4	91.4	91.7	92.5	92.5	93.4	93.4	93.4	93.4
GE 1800	64.8	67.9	75.9	81.2	87.0	87.5	88.9	91.4	91.4	91.7	92.5	92.5	93.4	93.4	93.4	93.4
GE 1500	65.1	68.1	76.2	81.4	87.8	88.4	90.6	93.1	93.1	93.4	94.2	94.2	95.0	95.0	95.0	95.0
GE 1200	65.1	68.1	76.2	81.4	88.6	89.2	91.4	93.9	93.9	94.2	95.0	95.0	95.8	95.8	95.8	95.8
GE 1000	65.9	69.0	77.0	82.5	89.8	90.3	92.5	95.0	95.0	95.6	96.4	96.4	97.2	97.2	97.2	97.2
GE 900	65.9	69.0	77.0	82.5	89.8	90.3	93.1	96.4	96.4	97.0	97.8	97.8	98.6	98.6	98.6	98.6
GE 800	65.9	69.0	77.0	82.5	89.8	90.3	93.1	96.4	96.4	97.0	97.8	97.8	98.6	98.6	98.6	98.6
GE 700	65.9	69.0	77.0	82.5	89.8	90.3	93.1	96.4	96.4	97.2	98.1	98.1	98.9	98.9	99.2	99.2
GE 600	65.9	69.0	77.0	82.5	89.8	90.3	93.1	96.4	96.4	97.8	98.6	98.6	99.4	99.4	99.7	99.7
GE 500	65.9	69.0	77.0	82.5	89.8	90.3	93.1	96.4	96.4	97.8	98.6	98.6	99.4	99.4	99.7	99.7
GE 400	65.9	69.0	77.0	82.5	89.8	90.3	93.1	96.4	96.4	97.8	98.6	98.6	99.4	99.4	99.7	99.7
GE 300	65.9	69.0	77.0	82.5	89.8	90.3	93.1	96.4	96.4	97.8	98.6	98.6	99.4	99.4	99.7	99.7
GE 200	65.9	69.0	77.0	82.5	89.8	90.3	93.1	96.4	96.4	97.8	98.6	98.6	99.4	99.4	99.7	99.7
GE 100	65.9	69.0	77.0	82.5	89.8	90.3	93.1	96.4	96.4	97.8	98.6	98.6	99.4	99.4	99.7	99.7
GE 000	65.9	69.0	77.0	82.5	89.8	90.3	93.1	96.4	96.4	97.8	98.6	98.6	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 361

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.4	47.7	50.1	51.4	52.8	53.2	53.5	53.7	53.7	53.8	54.0	54.0	54.3	54.3	54.3	54.4
GE 20000	49.3	51.7	54.2	55.8	57.3	57.7	58.1	58.2	58.2	58.4	58.6	58.6	58.9	58.9	59.0	59.1
GE 18000	49.9	52.3	54.8	56.4	57.9	58.3	58.7	58.8	58.8	59.0	59.2	59.2	59.5	59.5	59.6	59.7
GE 16000	50.0	52.4	54.9	56.5	58.0	58.4	58.8	58.9	58.9	59.1	59.3	59.3	59.6	59.7	59.7	59.8
GE 14000	50.4	52.8	55.4	57.0	58.5	58.9	59.3	59.4	59.4	59.6	59.8	59.8	60.1	60.1	60.2	60.2
GE 12000	51.6	54.1	56.7	58.3	59.8	60.2	60.6	60.8	60.8	61.0	61.2	61.2	61.5	61.5	61.6	61.6
GE 10000	53.5	56.2	58.9	60.7	62.5	62.9	63.4	63.5	63.5	63.7	63.9	63.9	64.2	64.3	64.3	64.4
GE 9000	53.9	56.6	59.3	61.2	63.0	63.4	63.9	64.0	64.0	64.2	64.4	64.4	64.7	64.7	64.8	64.8
GE 8000	56.4	59.2	62.2	64.2	66.4	66.8	67.4	67.5	67.6	67.9	68.1	68.1	68.3	68.4	68.4	68.5
GE 7000	57.5	60.3	63.4	65.3	67.6	68.1	68.7	68.9	68.9	69.2	69.5	69.5	69.8	69.8	69.8	69.9
GE 6000	57.9	60.8	63.8	65.8	68.1	68.6	69.3	69.4	69.5	69.7	70.0	70.0	70.3	70.4	70.4	70.5
GE 5000	59.6	62.7	65.9	68.0	70.4	71.0	71.7	71.8	71.9	72.2	72.5	72.5	72.8	72.8	72.9	72.9
GE 4500	60.4	63.5	66.8	68.9	71.4	71.9	72.7	72.8	72.9	73.2	73.5	73.5	73.8	73.9	73.9	74.0
GE 4000	62.9	66.4	69.8	72.2	74.8	75.4	76.3	76.5	76.5	76.8	77.2	77.2	77.4	77.5	77.5	77.6
GE 3500	63.7	67.1	70.7	73.0	75.7	76.3	77.2	77.4	77.5	77.8	78.1	78.1	78.4	78.4	78.4	78.5
GE 3000	66.1	70.0	73.9	76.5	79.8	80.6	81.7	81.9	82.0	82.3	82.8	82.8	83.0	83.1	83.1	83.2
GE 2500	67.0	70.9	75.0	77.8	81.3	82.1	83.2	83.5	83.6	83.8	84.4	84.4	84.6	84.7	84.7	84.8
GE 2000	68.0	72.3	76.8	80.2	84.1	85.0	86.2	86.5	86.6	86.9	87.5	87.5	87.7	87.8	87.8	87.9
GE 1800	68.0	72.4	77.0	80.4	84.5	85.4	86.6	87.0	87.1	87.4	87.9	87.9	88.2	88.2	88.3	88.4
GE 1500	68.8	73.3	78.1	81.9	86.9	87.9	89.4	89.8	89.9	90.3	90.9	90.9	91.1	91.2	91.3	91.3
GE 1200	69.2	73.7	78.6	82.6	88.0	89.2	90.8	91.3	91.4	91.8	92.5	92.5	92.8	92.8	92.9	93.0
GE 1000	69.7	74.4	79.4	83.5	89.3	90.6	92.3	93.0	93.0	93.6	94.4	94.4	94.7	94.8	94.8	94.9
GE 900	69.7	74.4	79.4	83.6	89.5	90.8	92.7	93.6	93.7	94.3	95.1	95.1	95.4	95.5	95.6	95.7
GE 800	69.7	74.4	79.5	83.7	89.8	91.1	93.2	94.1	94.2	94.9	95.8	95.9	96.2	96.3	96.3	96.4
GE 700	69.8	74.4	79.5	83.8	89.8	91.2	93.4	94.3	94.4	95.4	96.4	96.5	96.8	96.8	97.0	97.0
GE 600	69.8	74.4	79.5	83.8	89.8	91.3	93.6	94.6	94.7	96.1	97.2	97.4	97.7	97.8	97.9	98.0
GE 500	69.8	74.4	79.5	83.8	89.8	91.3	93.6	94.8	95.0	96.6	97.8	98.0	98.3	98.4	98.5	98.6
GE 400	69.8	74.4	79.5	83.8	89.8	91.3	93.6	95.1	95.2	97.0	98.5	98.6	99.0	99.1	99.2	99.3
GE 300	69.8	74.4	79.5	83.8	89.8	91.3	93.6	95.1	95.2	97.0	98.5	98.7	99.1	99.3	99.4	99.5
GE 200	69.8	74.4	79.5	83.8	89.8	91.3	93.6	95.1	95.2	97.0	98.6	98.8	99.2	99.3	99.4	99.6
GE 100	69.8	74.4	79.5	83.8	89.8	91.3	93.6	95.1	95.2	97.0	98.6	98.8	99.2	99.3	99.5	99.8
GE 000	69.8	74.4	79.5	83.8	89.8	91.3	93.6	95.1	95.2	97.0	98.6	98.8	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3522

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.5	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 20000	61.5	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 18000	61.5	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 16000	61.5	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 14000	61.5	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 12000	61.5	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	69.2	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 9000	69.2	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 8000	69.2	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 7000	69.2	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 6000	69.2	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 5000	69.2	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4500	69.2	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4000	76.9	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500	84.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3000	84.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2500	84.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2000	84.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1800	84.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1500	84.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1200	84.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1000	84.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 900	84.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 800	84.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 700	84.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 600	84.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 500	84.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 400	84.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 300	84.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 200	84.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 100	84.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	84.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 13

OPERATING LOCATION "A"
USAF TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.2	36.6	37.7	40.2	41.6	42.0	42.9	42.9	42.9	43.3	43.7	43.7	43.7	43.7	43.9	44.1
GE 20000	37.7	39.5	40.6	43.3	44.7	45.3	46.2	46.2	46.2	46.8	47.2	47.2	47.2	47.6	48.0	48.2
GE 15000	38.5	40.2	41.4	44.1	45.6	46.4	47.4	47.4	47.4	48.0	48.4	48.4	48.4	48.7	49.1	49.3
GE 10000	38.5	40.2	41.4	44.1	45.6	46.4	47.4	47.4	47.4	48.0	48.4	48.4	48.4	48.7	49.1	49.3
GE 8000	39.3	41.0	42.4	45.1	46.6	47.4	48.5	48.5	48.5	49.3	49.7	49.7	49.7	50.1	50.5	50.7
GE 6000	40.0	41.8	43.1	45.8	47.4	48.2	49.5	49.5	49.5	50.3	50.7	50.7	50.7	51.1	51.5	51.6
GE 4000	41.2	42.9	44.3	47.0	48.5	49.3	50.7	50.7	50.7	51.6	52.4	52.4	52.4	52.8	53.2	53.4
GE 3000	41.4	43.1	44.5	47.2	48.7	49.5	50.9	50.9	50.9	51.8	52.6	52.6	52.6	53.0	53.4	53.6
GE 2000	46.2	48.2	49.5	52.2	53.8	54.5	55.9	55.9	55.9	56.9	57.6	57.6	57.6	58.0	58.4	58.6
GE 1500	47.0	49.1	50.5	53.2	54.7	55.5	57.3	57.3	57.3	58.2	59.0	59.0	59.0	59.4	59.8	60.0
GE 1000	47.8	49.9	51.5	54.2	55.7	56.7	58.8	58.8	58.8	59.8	60.5	60.5	60.5	60.9	61.3	61.5
GE 5000	50.7	53.0	55.1	58.0	59.6	60.5	62.7	62.7	62.7	63.8	64.6	64.6	64.6	65.2	65.6	65.8
GE 4500	52.2	54.9	57.1	60.0	61.5	62.5	65.0	65.0	65.0	66.2	66.9	66.9	66.9	67.5	67.9	68.1
GE 4000	55.3	58.0	60.3	63.4	65.0	66.2	68.9	68.9	68.9	70.0	70.8	70.8	70.8	71.4	71.8	72.0
GE 3500	57.6	60.3	62.7	65.8	67.5	68.7	71.4	71.6	71.6	72.7	73.5	73.5	73.5	74.1	74.5	74.7
GE 3000	60.2	62.9	65.2	68.3	70.0	71.2	73.9	74.1	74.1	75.2	76.2	76.2	76.2	76.8	77.2	77.4
GE 2500	63.9	66.6	69.2	71.0	72.1	74.9	75.0	75.0	75.0	76.2	77.2	77.2	77.2	77.8	78.1	78.3
GE 2000	62.9	65.6	68.1	71.4	73.5	74.7	77.8	78.3	78.3	79.5	80.5	80.5	80.5	81.0	81.4	81.6
GE 1800	62.9	65.6	68.1	71.4	73.5	74.7	77.8	78.3	78.3	79.5	80.5	80.5	80.5	81.0	81.4	81.6
GE 1500	63.2	66.2	68.9	72.1	74.3	75.4	78.7	79.3	79.3	80.5	81.6	81.6	81.6	82.2	82.6	82.8
GE 1200	63.8	66.9	69.6	72.9	75.0	76.8	80.1	80.7	80.7	82.2	83.4	83.4	83.6	84.1	84.5	84.7
GE 1000	63.8	66.9	69.6	72.9	75.2	77.2	80.9	82.0	82.2	84.7	86.1	86.1	86.3	86.8	87.2	87.4
GE 900	64.2	67.3	70.0	73.3	75.6	77.6	81.6	83.0	83.2	85.9	87.1	87.2	87.4	88.0	88.4	88.6
GE 800	64.2	67.3	70.2	73.9	76.6	78.5	83.6	85.3	85.5	88.4	89.7	89.7	89.9	90.5	90.9	91.1
GE 700	64.2	67.3	70.4	74.1	76.8	79.3	84.3	86.1	86.3	89.6	90.9	90.9	91.1	91.7	92.1	92.3
GE 600	64.2	67.3	70.4	74.1	77.0	79.5	84.5	86.5	86.7	90.1	91.5	91.5	91.9	92.5	93.0	93.2
GE 500	64.2	67.3	70.4	74.1	77.0	79.5	84.5	87.2	87.6	91.7	93.0	93.0	93.4	94.0	94.8	95.0
GE 400	64.2	67.3	70.4	74.1	77.0	79.5	84.5	87.2	87.6	91.9	93.4	93.4	94.0	94.8	95.9	96.3
GE 300	64.2	67.3	70.4	74.1	77.0	79.5	84.5	87.2	87.6	91.9	93.4	93.4	94.6	95.6	96.9	97.7
GE 200	64.2	67.3	70.4	74.1	77.0	79.5	84.5	87.2	87.6	91.9	93.4	93.4	94.8	95.9	97.3	98.1
GE 100	64.2	67.3	70.4	74.1	77.0	79.5	84.5	87.2	87.6	91.9	93.4	93.4	94.8	95.9	97.3	99.4
GE 000	64.2	67.3	70.4	74.1	77.0	79.5	84.5	87.2	87.6	91.9	93.4	93.4	94.8	95.9	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 517

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO FELL	36.9	39.1	40.8	41.1	42.5	42.6	42.8	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 20000	41.6	43.8	45.7	46.1	47.6	47.9	48.3	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 18000	42.3	44.5	46.4	46.8	48.4	48.6	49.0	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 16000	42.3	44.5	46.4	46.8	48.4	48.6	49.0	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 14000	42.9	45.1	47.0	47.6	49.3	49.6	49.9	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 12000	43.3	45.5	47.4	48.0	49.7	49.9	50.3	50.4	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 10000	45.5	47.8	49.7	50.5	52.5	52.7	53.2	53.3	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 9000	45.5	47.8	49.7	50.5	52.5	52.7	53.2	53.3	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 8000	48.7	51.3	53.4	54.4	56.6	56.8	57.3	57.4	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 7000	49.8	52.4	54.9	55.9	58.1	58.4	58.9	59.0	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 6000	51.9	54.5	57.2	58.1	60.6	61.0	61.8	61.9	61.9	62.4	62.4	62.4	62.4	62.4	62.4	62.5
GE 5000	54.3	57.4	60.1	61.0	63.4	63.9	64.7	64.8	64.8	65.3	65.3	65.3	65.4	65.4	65.4	65.5
GE 4500	56.0	59.1	61.9	62.8	65.3	65.7	66.5	66.6	66.6	67.1	67.1	67.1	67.2	67.2	67.2	67.3
GE 4000	60.8	63.9	67.7	68.8	71.2	71.7	72.4	72.5	72.5	73.0	73.0	73.0	73.1	73.1	73.1	73.2
GE 3500	63.1	66.2	70.1	71.2	73.7	74.2	75.0	75.3	75.3	75.8	75.8	75.8	75.9	75.9	75.9	76.0
GE 3000	67.6	70.8	74.7	75.8	78.4	79.1	80.0	80.2	80.2	80.7	80.8	80.8	80.9	80.9	80.9	81.1
GE 2500	67.9	71.3	75.6	76.7	79.5	80.2	81.1	81.3	81.3	81.8	81.9	81.9	82.0	82.0	82.0	82.1
GE 2000	69.0	72.4	76.7	77.8	80.8	81.5	82.5	82.9	82.9	83.4	83.5	83.5	83.6	83.6	83.6	83.7
GE 1800	69.0	72.4	76.8	77.9	81.1	81.8	82.8	83.1	83.1	83.6	83.7	83.7	83.8	83.8	83.8	84.0
GE 1500	70.1	73.6	78.5	80.1	84.1	84.9	86.1	86.5	86.5	87.1	87.2	87.2	87.3	87.3	87.3	87.5
GE 1200	71.2	74.7	79.7	81.3	85.4	86.4	87.8	88.7	88.7	89.7	90.1	90.3	90.5	90.5	90.5	90.6
GE 1000	71.3	74.8	80.0	81.9	86.6	87.9	89.6	90.5	90.7	92.2	92.6	92.9	93.0	93.0	93.0	93.1
GE 900	71.3	74.8	80.0	81.9	87.0	88.4	90.1	91.1	91.3	92.8	93.2	93.5	93.6	93.6	93.6	93.7
GE 800	71.3	74.8	80.0	81.9	87.2	88.7	90.5	91.7	91.9	93.7	94.3	94.6	94.9	94.9	94.9	95.1
GE 700	71.3	74.8	80.1	82.1	87.6	89.3	91.2	92.6	92.9	94.7	95.4	95.8	96.1	96.1	96.1	96.3
GE 600	71.3	74.8	80.1	82.3	88.1	90.0	92.3	93.8	94.2	96.3	97.0	97.3	97.9	97.9	97.9	98.1
GE 500	71.3	74.8	80.1	82.3	88.1	90.0	92.5	94.3	94.7	96.9	97.6	97.9	98.7	98.7	98.7	98.8
GE 400	71.3	74.8	80.1	82.3	88.1	90.0	92.5	94.3	94.7	97.0	98.1	98.4	99.4	99.4	99.4	99.5
GE 300	71.3	74.8	80.1	82.3	88.1	90.0	92.5	94.3	94.7	97.1	98.2	98.6	99.6	99.6	99.6	99.8
GE 200	71.3	74.8	80.1	82.3	88.1	90.0	92.5	94.3	94.7	97.1	98.2	98.6	99.6	99.6	99.6	99.8
GE 100	71.3	74.8	80.1	82.3	88.1	90.0	92.5	94.3	94.7	97.1	98.2	98.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 829

STATION: STATION "A"
 AIRFIELD: AIRFIELD NO.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA

PERIOD OF RECORD: MAY 79 - APR 89

EST TO UTC: + 5

MONTH: OCT HOURS: 12-14

		VISIBILITY IN STATUTE MILES															
CEILING IN FEET	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
0-100	42.1	43.2	43.5	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
100-200	49.8	49.8	50.5	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
200-300	49.8	49.9	50.6	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
300-400	49.3	50.4	51.1	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
400-500	49.8	50.8	51.6	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
500-600	56.4	56.8	56.6	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
600-700	56.9	56.3	56.0	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
700-800	57.5	57.2	60.0	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
800-900	59.2	61.5	62.3	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
900-1000	59.5	61.2	62.7	63.3	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
1000-1200	66.4	66.9	66.7	66.5	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
1200-1400	66.3	66.7	67.5	68.4	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
1400-1600	70.2	72.7	73.6	74.6	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
1600-1800	71.3	75.9	76.7	77.8	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
1800-2000	71.3	81.2	82.0	83.1	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
2000-2200	82.7	83.7	84.8	85.1	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
2200-2400	82.7	86.7	88.2	88.6	89.3	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
2400-2600	82.4	85.9	86.8	88.4	88.9	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
2600-2800	83.2	86.8	88.5	90.5	90.9	92.3	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
2800-3000	83.9	87.7	89.3	91.5	92.1	93.7	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
3000-3200	84.3	88.0	90.0	92.8	93.4	94.9	95.3	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
3200-3400	84.4	88.2	90.1	93.0	93.6	95.5	95.7	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
3400-3600	84.5	88.3	90.2	93.6	94.2	96.0	96.5	96.9	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
3600-3800	84.5	89.3	90.2	93.7	94.3	96.3	96.9	97.2	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
3800-4000	84.5	89.3	90.2	93.8	94.8	96.7	97.3	97.8	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
4000-4200	84.5	88.3	90.2	93.8	94.8	97.1	97.7	98.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
4200-4400	84.5	88.3	90.2	93.8	94.8	97.1	97.7	98.2	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4400-4600	84.5	88.3	90.2	93.8	94.8	97.1	97.7	98.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4600-4800	84.5	88.3	90.2	93.8	94.8	97.1	97.7	98.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4800-5000	84.5	89.3	90.2	93.5	94.8	97.1	97.7	98.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

COMMENTS: OBSERVATIONS 825

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.6	48.5	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 20000	52.7	53.6	54.9	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 18000	52.9	53.8	55.0	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 16000	52.9	53.8	55.0	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 14000	54.2	55.0	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 12000	55.2	56.1	57.3	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 10000	59.3	60.4	62.5	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 9000	59.6	60.7	62.8	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 8000	63.4	64.6	66.9	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 7000	65.0	66.2	68.5	69.2	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 6000	65.1	66.4	68.7	69.6	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	67.8	69.2	71.7	72.9	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4500	69.6	71.0	73.5	74.7	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4000	73.6	75.6	78.1	79.3	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 3500	75.9	77.9	80.7	81.9	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	78.1	80.4	83.4	84.6	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2500	79.1	81.4	84.6	86.0	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2000	80.7	83.2	86.9	88.5	89.9	90.6	90.8	90.8	90.8	91.0	91.0	91.0	91.2	91.2	91.2	91.2
GE 1800	80.7	83.2	86.9	88.5	89.9	90.6	90.8	90.8	90.8	91.0	91.0	91.0	91.2	91.2	91.2	91.2
GE 1500	81.4	83.9	87.6	89.4	91.2	91.9	92.2	92.2	92.2	92.4	92.4	92.4	92.6	92.6	92.6	92.6
GE 1200	81.8	84.4	88.1	90.1	92.6	93.5	94.0	94.2	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.5
GE 1000	81.9	84.6	88.3	90.4	93.8	94.7	95.2	96.1	96.3	96.6	96.6	96.6	96.8	96.8	96.8	96.8
GE 900	81.9	84.6	88.3	90.8	94.2	95.0	95.6	96.6	96.8	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 800	81.9	84.6	88.3	91.0	94.3	95.2	96.1	97.5	97.7	98.1	98.1	98.1	98.4	98.4	98.4	98.4
GE 700	81.9	84.6	88.3	91.2	94.5	95.4	96.3	97.7	97.9	98.2	98.2	98.2	98.6	98.6	98.6	98.6
GE 600	81.9	84.6	88.3	91.2	94.5	95.4	96.3	97.7	97.9	98.4	98.4	98.4	98.8	98.8	98.8	98.8
GE 500	81.9	84.6	88.3	91.2	94.7	95.6	96.6	98.1	98.2	98.8	98.8	98.8	99.1	99.1	99.1	99.1
GE 400	81.9	84.6	88.3	91.2	94.7	95.8	96.8	98.2	98.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 300	81.9	84.6	88.3	91.2	94.7	95.8	96.8	98.2	98.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 200	81.9	84.6	88.3	91.2	94.7	95.8	96.8	98.2	98.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 100	81.9	84.6	88.3	91.2	94.7	95.8	96.8	98.2	98.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 000	81.9	84.6	88.3	91.2	94.7	95.8	96.8	98.2	98.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 565

OPERATING LOCATION "A"
USAFATAC ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT HOURS: 18-20

CEILING		VISIBILITY IN STATUTE MILES															
FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	5	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0	
NO DATA	50.8	52.5	53.8	53.8	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 20000	54.5	54.5	58.8	58.8	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 18000	54.5	57.5	58.8	58.8	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 16000	54.5	57.5	58.8	58.8	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 14000	55.3	58.3	59.5	59.5	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 12000	56.5	59.3	61.0	61.0	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 10000	61.5	64.5	66.8	67.0	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 9000	62.5	65.0	67.3	67.5	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 8000	64.5	67.5	69.8	70.0	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 7000	64.5	67.8	70.5	70.8	71.5	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	65.3	68.5	71.3	71.8	72.8	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 5000	68.3	71.5	74.3	74.8	75.8	76.0	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4500	72.5	73.5	76.3	76.8	78.3	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4000	74.5	77.5	81.5	82.0	83.5	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3500	75.3	79.5	83.3	83.8	85.5	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3000	77.5	82.5	86.0	87.3	89.3	89.5	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 2500	79.5	83.5	88.8	88.0	90.0	90.3	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2000	79.5	84.5	88.8	90.8	93.0	93.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1800	80.5	84.5	88.8	90.8	93.0	93.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1600	80.5	84.5	89.0	91.0	93.3	93.5	95.0	95.3	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1400	80.5	84.5	89.0	91.0	93.8	94.0	95.5	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	80.5	84.5	89.0	91.0	94.0	94.8	96.3	96.8	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	80.5	84.5	89.0	91.0	94.0	94.8	96.5	97.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	80.5	84.5	89.0	91.0	94.5	95.3	97.0	97.5	97.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	80.5	84.5	89.0	91.0	95.5	96.3	98.3	98.8	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	80.5	84.5	89.0	91.0	95.5	96.3	98.3	98.8	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	80.5	84.5	89.0	91.0	95.5	96.3	98.3	98.8	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	80.5	84.5	89.0	91.0	95.5	96.3	98.3	98.8	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	80.5	84.5	89.0	91.0	95.5	96.3	98.5	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	80.5	84.5	89.0	91.0	95.5	96.3	98.5	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	80.5	84.5	89.0	91.0	95.5	96.3	98.5	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.5	84.5	89.0	91.0	95.5	96.3	98.5	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL HOURLY OBSERVATIONS 400

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.5	59.7	60.8	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 20000	59.9	62.0	63.1	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 18000	59.9	62.0	63.1	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 16000	59.9	62.0	63.1	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 14000	60.2	62.8	64.0	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 12000	61.1	64.3	65.4	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 10000	63.7	66.9	68.0	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 9000	64.6	67.7	68.9	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 8000	68.6	72.0	73.2	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 7000	69.5	72.9	74.4	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 6000	70.3	73.8	75.2	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 5000	72.9	76.4	77.8	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 4500	73.2	76.7	78.1	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4000	75.8	79.3	81.3	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3500	76.9	80.4	83.0	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	79.3	83.3	85.9	89.3	90.5	90.5	90.8	90.8	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500	79.3	83.3	86.5	91.1	91.1	91.1	91.6	91.9	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000	79.3	84.1	87.3	92.8	92.8	92.8	93.4	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9
GE 1800	79.3	84.1	87.3	92.8	92.8	92.8	93.4	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	79.3	84.1	87.3	91.1	92.8	92.8	93.4	93.7	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	79.3	84.1	87.3	91.9	93.7	93.7	94.2	94.5	94.5	94.8	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	79.3	84.1	87.3	92.8	94.5	94.5	95.1	95.4	95.4	95.7	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	79.3	84.1	87.3	92.8	94.5	94.5	95.1	95.4	95.4	96.3	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	79.3	84.1	87.3	92.8	94.5	94.5	95.1	95.4	95.4	96.3	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	79.3	84.1	87.3	92.8	94.5	94.5	96.0	96.3	96.3	97.1	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	79.3	84.1	87.3	92.8	94.5	94.5	96.0	96.3	96.3	98.0	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	79.3	84.1	87.3	92.8	94.5	94.5	96.0	96.3	96.3	98.0	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	79.3	84.1	87.3	92.8	94.5	94.5	96.8	97.1	97.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	79.3	84.1	87.3	92.8	94.5	94.5	96.8	97.1	97.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	79.3	84.1	87.3	92.8	94.5	94.5	96.8	97.1	97.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	79.3	84.1	87.3	92.8	94.5	94.5	96.8	97.1	97.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	79.3	84.1	87.3	92.8	94.5	94.5	96.8	97.1	97.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 347

REPORTING LOCATION "A"
UNSAFE/AD ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT HOURS: ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	FEET	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0	
0-100	0-100	44.6	45.9	46.5	47.2	47.3	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.8	47.8	
100-200	100-200	47.2	50.5	51.3	52.1	52.2	52.5	52.5	52.5	52.7	52.7	52.7	52.7	52.8	52.8	52.9	
200-300	200-300	49.7	51.0	51.8	52.6	52.8	53.0	53.1	53.1	53.2	53.3	53.3	53.3	53.3	53.4	53.4	
300-400	300-400	50.4	51.9	52.6	53.5	53.7	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.3	54.3	54.4	
400-500	400-500	51.2	52.6	53.4	54.3	54.5	54.8	54.8	54.8	55.0	55.0	55.0	55.0	55.1	55.2	55.2	
500-600	500-600	54.3	56.0	57.0	58.0	58.2	58.5	58.5	58.5	58.8	58.9	58.9	58.9	58.9	59.0	59.0	
600-700	600-700	54.7	56.4	57.4	58.3	58.5	58.8	58.9	58.9	59.1	59.2	59.2	59.2	59.3	59.3	59.4	
700-800	700-800	58.4	59.3	61.8	62.4	62.6	62.9	63.0	63.0	63.2	63.3	63.3	63.3	63.4	63.4	63.5	
800-900	800-900	59.6	61.8	62.9	64.0	64.2	64.6	64.7	64.7	65.0	6.1	65.1	65.1	65.1	65.2	65.2	
900-1000	900-1000	60.5	62.3	63.9	65.1	65.5	66.0	66.1	66.1	66.3	66.4	66.4	66.4	66.5	66.6	66.6	
1000-1200	1000-1200	68.6	69.8	67.1	68.3	68.7	69.3	69.3	69.3	69.6	69.7	69.7	69.8	69.8	69.9	70.0	
1200-1400	1200-1400	67.1	67.5	68.8	70.0	70.4	71.1	71.1	71.1	71.4	71.5	71.5	71.6	71.6	71.7	71.8	
1400-1600	1400-1600	69.6	72.4	73.9	75.3	75.7	76.4	76.4	76.4	76.7	76.8	76.8	76.9	76.9	77.0	77.1	
1600-1800	1600-1800	71.9	74.9	76.4	77.9	78.4	79.1	79.2	79.2	79.5	79.6	79.6	79.6	79.7	79.7	79.8	
1800-2000	1800-2000	77.5	79.7	80.3	82.0	82.5	83.3	83.4	83.4	83.7	83.9	83.9	83.9	84.0	84.0	84.1	
2000-2200	2000-2200	76.4	79.7	81.4	83.1	83.7	84.5	84.7	84.7	85.0	85.2	85.2	85.2	85.3	85.4	85.4	
2200-2400	2200-2400	78.0	81.7	83.5	85.6	86.2	87.2	87.5	87.5	87.8	88.0	88.0	88.1	88.2	88.2	88.3	
2400-2600	2400-2600	79.1	81.8	83.6	85.7	86.3	87.3	87.6	87.6	87.9	88.1	88.1	88.2	88.3	88.3	88.4	
2600-2800	2600-2800	78.7	82.7	84.7	87.2	87.9	89.2	89.5	89.5	90.0	90.2	90.2	90.3	90.4	90.4	90.5	
2800-3000	2800-3000	79.6	83.3	85.6	88.3	89.1	90.6	91.1	91.1	91.7	92.0	92.1	92.1	92.2	92.3	92.3	
3000-3200	3000-3200	80.5	85.5	86.0	89.2	90.2	91.8	92.5	92.7	93.7	94.0	94.1	94.1	94.2	94.3	94.3	
3200-3400	3200-3400	79.7	85.6	86.2	89.5	90.5	92.2	93.0	93.2	94.3	94.6	94.7	94.8	94.9	94.9	95.0	
3400-3600	3400-3600	77.5	83.7	86.3	89.9	90.9	92.9	93.9	94.1	95.3	95.7	95.8	95.9	96.0	96.1	96.1	
3600-3800	3600-3800	79.5	83.7	86.4	90.2	91.3	93.5	94.5	94.7	96.1	96.5	96.6	96.8	96.9	96.9	97.0	
3800-4000	3800-4000	79.6	83.7	86.5	90.3	91.6	93.9	95.0	95.3	96.8	97.3	97.4	97.7	97.7	97.8	97.9	
4000-4200	4000-4200	79.6	83.7	86.5	90.4	91.7	94.1	95.4	95.7	97.4	97.9	98.0	98.3	98.3	98.5	98.5	
4200-4400	4200-4400	79.6	83.7	86.5	90.4	91.7	94.2	95.5	95.8	97.8	98.4	98.5	98.9	99.0	99.2	99.3	
4400-4600	4400-4600	79.6	83.7	86.5	90.4	91.7	94.2	95.5	95.8	97.8	98.4	98.5	99.0	99.2	99.4	99.5	
4600-4800	4600-4800	79.6	83.7	86.5	90.4	91.7	94.2	95.5	95.8	97.8	98.5	98.6	99.1	99.3	99.5	99.6	
4800-5000	4800-5000	79.6	83.7	86.5	90.4	91.7	94.2	95.5	95.8	97.8	98.5	98.6	99.1	99.3	99.5	99.9	
5000-5200	5000-5200	79.6	83.7	86.5	90.4	91.7	94.2	95.5	95.8	97.8	98.5	98.6	99.1	99.3	99.5	100.0	

HOURLY OBSERVATIONS 3499

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.3	44.9	44.9	44.9	47.4	47.4	47.4	47.4	47.4	47.4	48.7	48.7	50.0	50.0	50.0	50.0
GE 20000	44.9	47.4	47.4	47.4	50.0	50.0	50.0	51.3	51.3	51.3	52.6	52.6	53.8	53.8	53.8	53.8
GE 18000	44.9	47.4	47.4	47.4	50.0	50.0	50.0	51.3	51.3	51.3	52.6	52.6	53.8	53.8	53.8	53.8
GE 16000	44.9	47.4	47.4	47.4	50.0	50.0	50.0	51.3	51.3	51.3	52.6	52.6	53.8	53.8	53.8	53.8
GE 14000	46.2	48.7	48.7	48.7	51.3	51.3	51.3	52.6	52.6	52.6	53.8	53.8	55.1	55.1	55.1	55.1
GE 12000	48.7	51.3	51.3	51.3	53.8	53.8	53.8	55.1	55.1	55.1	56.4	56.4	57.7	57.7	57.7	57.7
GE 10000	51.3	53.8	53.8	53.8	57.7	57.7	57.7	59.0	59.0	59.0	60.3	60.3	61.5	61.5	61.5	61.5
GE 9000	51.3	53.8	53.8	53.8	57.7	57.7	57.7	59.0	59.0	59.0	60.3	60.3	61.5	61.5	61.5	61.5
GE 8000	52.6	55.1	55.1	55.1	59.0	59.0	59.0	60.3	60.3	60.3	61.5	61.5	62.8	62.8	62.8	62.8
GE 7000	52.6	55.1	55.1	55.1	59.0	59.0	59.0	60.3	60.3	60.3	61.5	61.5	62.8	62.8	62.8	62.8
GE 6000	53.8	56.4	57.7	57.7	61.5	61.5	61.5	64.1	64.1	64.1	65.4	65.4	66.7	66.7	66.7	66.7
GE 5000	59.0	61.5	62.8	62.8	66.7	66.7	66.7	69.2	69.2	69.2	70.5	70.5	71.8	71.8	71.8	71.8
GE 4500	59.0	61.5	62.8	62.8	66.7	66.7	66.7	69.2	69.2	69.2	70.5	70.5	71.8	71.8	71.8	71.8
GE 4000	62.8	65.4	67.9	67.9	71.8	71.8	71.8	74.4	74.4	74.4	75.6	75.6	76.9	76.9	76.9	76.9
GE 3500	66.7	69.2	71.8	71.8	75.6	75.6	75.6	78.2	78.2	78.2	79.5	79.5	80.8	80.8	80.8	80.8
GE 3000	69.2	71.8	74.4	74.4	78.2	78.2	78.2	80.8	80.8	80.8	82.1	82.1	83.3	83.3	83.3	83.3
GE 2500	69.2	71.8	74.4	74.4	78.2	78.2	78.2	80.8	80.8	80.8	82.1	82.1	83.3	83.3	83.3	83.3
GE 2000	69.2	71.8	74.4	74.4	78.2	78.2	78.2	80.8	80.8	80.8	82.1	82.1	83.3	83.3	83.3	83.3
GE 1800	70.5	73.1	75.6	75.6	79.5	79.5	79.5	82.1	82.1	82.1	83.3	83.3	84.6	84.6	84.6	84.6
GE 1500	70.5	73.1	75.6	75.6	80.8	82.1	83.3	85.9	85.9	85.9	87.2	87.2	88.5	88.5	88.5	88.5
GE 1200	70.5	73.1	75.6	75.6	80.8	83.3	84.6	87.2	87.2	87.2	88.5	88.5	89.7	89.7	89.7	89.7
GE 1000	70.5	73.1	75.6	76.9	82.1	84.6	85.9	88.5	88.5	88.5	89.7	89.7	91.0	91.0	91.0	91.0
GE 900	70.5	73.1	75.6	76.9	82.1	84.6	85.9	88.5	88.5	88.5	89.7	89.7	91.0	91.0	91.0	91.0
GE 800	70.5	73.1	76.9	78.2	83.3	85.9	87.2	89.7	89.7	89.7	91.0	91.0	92.3	92.3	92.3	92.3
GE 700	70.5	73.1	76.9	78.2	84.6	87.2	88.5	91.0	91.0	92.3	93.6	93.6	94.9	94.9	94.9	94.9
GE 600	71.8	74.4	78.2	79.5	85.9	88.5	89.7	92.3	92.3	93.6	94.9	94.9	96.2	96.2	96.2	96.2
GE 500	71.8	74.4	78.2	79.5	85.9	88.5	91.0	93.6	93.6	94.9	96.2	96.2	97.4	97.4	97.4	97.4
GE 400	71.8	74.4	78.2	79.5	85.9	88.5	91.0	93.6	93.6	94.9	96.2	96.2	97.4	97.4	97.4	97.4
GE 300	71.8	74.4	78.2	79.5	85.9	88.5	91.0	93.6	93.6	94.9	96.2	96.2	97.4	97.4	97.4	97.4
GE 200	71.8	74.4	78.2	79.5	85.9	88.5	91.0	93.6	93.6	94.9	96.2	96.2	98.7	98.7	98.7	98.7
GE 100	71.8	74.4	78.2	79.5	85.9	88.5	91.0	93.6	93.6	94.9	96.2	96.2	98.7	98.7	98.7	98.7
GE 000	71.8	74.4	78.2	79.5	85.9	88.5	91.0	93.6	93.6	94.9	96.2	96.2	98.7	98.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 78

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CELL	34.9	35.7	37.3	37.3	38.5	38.5	39.7	39.7	39.7	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 20000	38.9	39.7	41.3	41.3	42.5	42.5	43.7	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.4
GE 18000	38.9	39.7	41.3	41.3	42.5	42.5	43.7	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.4
GE 16000	39.3	40.1	41.7	41.7	42.9	42.9	44.0	44.0	44.0	44.4	44.4	44.4	44.4	44.4	44.4	44.8
GE 14000	39.3	40.1	42.1	42.1	43.3	43.3	44.4	44.4	44.4	44.8	44.8	44.8	44.8	44.8	44.8	45.2
GE 12000	39.7	40.5	42.9	42.9	44.0	44.0	45.6	45.6	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.4
GE 10000	42.1	42.9	45.2	45.6	46.8	46.8	48.4	48.4	48.4	48.8	48.8	48.8	49.2	49.2	49.2	49.6
GE 9000	42.1	42.9	45.2	45.6	46.8	46.8	48.4	48.4	48.4	48.8	48.8	48.8	49.2	49.2	49.2	49.6
GE 8000	44.8	45.6	48.8	49.2	50.4	50.4	52.0	52.0	52.0	52.4	52.4	52.4	52.8	52.8	52.8	53.2
GE 7000	46.4	47.6	51.2	51.6	52.8	52.8	54.4	54.4	54.4	54.8	54.8	54.8	55.2	55.2	55.2	55.6
GE 6000	47.6	48.8	52.8	53.2	54.4	54.4	56.0	56.0	56.0	56.3	56.3	56.3	56.7	56.7	56.7	57.1
GE 5000	51.6	53.6	57.9	58.7	59.9	59.9	61.9	61.9	61.9	62.3	62.3	62.3	63.1	63.1	63.1	63.5
GE 4500	52.8	54.8	59.1	59.9	61.1	61.1	63.1	63.1	63.1	63.5	63.5	63.5	64.3	64.3	64.3	64.7
GE 4000	56.3	59.5	63.9	64.7	66.3	66.3	68.3	68.3	68.3	68.7	68.7	68.7	69.4	69.4	69.4	69.8
GE 3500	58.7	62.3	67.1	68.3	70.2	70.2	72.6	72.6	72.6	73.0	73.0	73.0	73.8	73.8	73.8	74.2
GE 3000	62.7	66.3	71.0	72.6	74.6	75.0	77.8	77.8	77.8	78.2	78.2	78.2	79.0	79.0	79.0	79.4
GE 2500	63.5	67.1	71.8	73.8	75.8	76.2	79.0	79.0	79.0	79.4	79.4	79.4	80.2	80.2	80.2	80.6
GE 2000	64.7	68.3	73.0	75.0	77.4	78.2	81.0	81.0	81.0	81.3	81.3	81.3	82.1	82.1	82.1	82.5
GE 1800	65.1	68.7	73.4	75.4	77.8	78.6	81.3	81.3	81.3	81.7	81.7	81.7	82.5	82.5	82.5	82.9
GE 1600	65.5	69.0	74.2	76.2	78.6	79.4	82.5	82.9	82.9	83.3	83.3	83.3	84.1	84.1	84.1	84.5
GE 1400	66.3	69.8	75.0	77.0	79.4	80.2	83.7	84.5	84.5	84.9	84.9	84.9	85.7	85.7	86.1	86.5
GE 1200	67.1	70.6	75.8	77.8	80.2	81.0	84.5	86.5	86.5	87.3	87.7	87.7	88.5	88.5	88.9	89.3
GE 1000	67.3	71.4	76.6	78.6	81.0	81.7	85.3	87.3	87.3	88.1	88.5	88.5	89.3	89.3	89.7	90.1
GE 900	67.9	71.8	77.0	79.0	81.3	82.5	86.1	88.1	88.1	88.9	89.7	89.7	90.5	90.5	90.9	91.3
GE 800	67.7	71.8	77.0	79.0	81.7	82.9	86.9	88.9	88.9	89.7	90.5	90.5	91.3	91.3	91.7	92.1
GE 700	67.9	71.8	77.4	79.4	82.1	83.7	88.1	90.1	90.1	91.3	92.1	92.1	92.9	92.9	93.3	93.7
GE 600	67.9	71.8	77.4	79.4	82.1	84.1	88.5	90.5	90.5	92.1	93.3	93.3	94.4	94.8	95.6	96.0
GE 500	67.9	71.8	77.4	79.4	82.1	84.1	88.9	90.9	90.9	92.5	93.7	93.7	95.6	96.0	96.8	97.2
GE 400	67.9	71.8	77.4	79.4	82.1	84.1	88.9	90.9	90.9	92.5	93.7	93.7	95.6	96.8	97.6	98.0
GE 300	67.9	71.8	77.4	79.4	82.1	84.1	88.9	90.9	90.9	92.5	94.0	94.0	96.0	97.2	98.4	99.6
GE 200	67.9	71.8	77.4	79.4	82.1	84.1	88.9	90.9	90.9	92.5	94.0	94.0	96.0	97.2	98.4	99.6
GE 100	67.9	71.8	77.4	79.4	82.1	84.1	88.9	90.9	90.9	92.5	94.0	94.0	96.0	97.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 252

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF FA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CELL	33.6	36.1	37.3	37.7	38.2	38.4	38.6	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 20000	36.9	39.4	40.6	41.0	41.7	41.8	42.1	42.2	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.6
GE 18000	37.2	39.7	40.9	41.3	41.9	42.1	42.3	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.9
GE 16000	37.3	39.9	41.1	41.5	42.2	42.3	42.6	42.7	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.1
GE 14000	37.7	40.3	41.5	41.9	42.6	42.7	43.0	43.1	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.5
GE 12000	39.2	42.3	43.5	43.9	44.6	44.7	45.1	45.2	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.6
GE 10000	42.5	45.9	47.1	47.8	48.4	48.5	49.2	49.5	49.5	49.7	49.9	49.9	49.9	49.9	49.9	50.0
GE 9000	42.6	46.0	47.2	47.9	48.5	48.7	49.3	49.6	49.6	49.9	50.0	50.0	50.0	50.0	50.0	50.1
GE 8000	45.0	49.1	50.3	51.2	51.9	52.0	52.6	52.9	52.9	53.2	53.3	53.3	53.3	53.3	53.3	53.4
GE 7000	46.2	50.8	52.2	53.2	54.1	54.4	55.0	55.3	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.8
GE 6000	47.5	52.6	54.2	55.2	56.1	56.3	57.0	57.3	57.3	57.5	57.7	57.7	57.7	57.7	57.7	57.8
GE 5000	50.3	55.7	57.8	58.9	59.8	60.2	61.2	61.5	61.5	61.9	62.0	62.0	62.2	62.2	62.2	62.3
GE 4500	51.5	56.9	59.1	60.2	61.1	61.5	62.6	62.8	62.8	63.2	63.4	63.4	63.5	63.5	63.5	63.6
GE 4000	54.6	60.6	63.0	64.6	65.5	65.9	66.9	67.2	67.2	67.6	67.7	67.7	67.9	67.9	67.9	68.0
GE 3500	58.5	64.6	67.1	68.7	69.6	70.0	71.2	71.4	71.4	72.0	72.1	72.1	72.2	72.2	72.2	72.4
GE 3000	62.8	68.9	71.8	73.8	75.4	75.9	77.4	77.8	77.9	78.4	78.6	78.6	78.7	78.7	78.7	78.8
GE 2500	63.9	70.1	73.0	75.1	76.7	77.5	79.0	79.4	79.5	80.0	80.2	80.2	80.3	80.3	80.3	80.4
GE 2000	65.7	72.0	74.9	77.2	79.4	80.4	81.9	82.3	82.4	83.1	83.2	83.2	83.3	83.3	83.3	83.5
GE 1800	66.0	72.2	75.1	77.5	79.8	80.8	82.3	82.7	82.8	83.5	83.6	83.6	83.7	83.7	83.7	83.9
GE 1500	66.8	73.0	75.9	78.3	80.7	81.9	83.3	83.9	84.0	84.8	84.9	84.9	85.1	85.1	85.1	85.2
GE 1200	67.2	73.8	77.1	79.6	82.5	83.9	85.3	85.8	86.0	86.9	87.2	87.2	87.3	87.3	87.3	87.4
GE 1000	67.5	74.1	77.4	79.9	82.9	84.4	86.4	87.3	87.4	88.6	89.0	89.0	89.4	89.4	89.6	89.7
GE 900	67.7	74.5	77.8	80.3	83.5	84.9	86.9	88.1	88.2	89.4	89.9	89.9	90.3	90.3	90.5	90.6
GE 800	67.9	74.6	78.0	80.6	83.9	85.3	87.3	88.5	88.6	89.9	90.5	90.5	90.9	90.9	91.0	91.1
GE 700	68.0	74.7	78.2	80.8	84.5	86.1	88.2	89.4	89.8	91.3	91.8	91.8	92.2	92.2	92.3	92.5
GE 600	68.0	74.9	78.3	81.0	84.7	86.5	89.2	90.7	91.1	92.7	93.4	93.8	94.2	94.2	94.3	94.4
GE 500	68.1	75.0	78.4	81.1	84.8	86.9	90.2	91.8	92.2	93.9	94.7	95.1	95.5	95.6	96.0	96.2
GE 400	68.1	75.0	78.4	81.1	84.8	86.9	90.3	91.9	92.3	94.6	95.5	96.0	96.4	96.7	97.2	97.4
GE 300	68.1	75.0	78.4	81.1	84.8	87.0	90.5	92.2	92.6	94.8	96.0	96.6	97.2	97.6	98.5	98.7
GE 200	68.1	75.0	78.4	81.1	84.8	87.0	90.5	92.2	92.6	94.8	96.0	96.6	97.2	97.8	98.9	99.7
GE 100	68.1	75.0	78.4	81.1	84.8	87.0	90.5	92.2	92.6	94.8	96.0	96.6	97.2	97.8	98.9	99.9
GE 000	68.1	75.0	78.4	81.1	84.8	87.0	90.5	92.2	92.6	94.8	96.0	96.6	97.2	97.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 756

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.0	38.8	40.0	40.3	40.3	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 20000	41.1	42.0	43.6	44.0	44.3	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 18000	41.2	42.3	43.9	44.3	44.5	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 16000	41.2	42.3	43.9	44.3	44.5	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 14000	42.5	43.7	45.3	45.7	46.0	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 12000	43.5	44.6	46.2	46.6	46.9	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 10000	45.4	46.8	48.3	48.9	49.7	49.9	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 9000	45.8	47.2	48.7	49.3	50.1	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 8000	49.4	51.4	53.0	53.8	54.8	55.1	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 7000	49.7	51.8	53.4	54.2	55.2	55.5	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 6000	51.8	54.2	55.7	56.5	57.6	58.0	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 5000	54.7	57.2	59.0	59.8	61.4	61.8	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 4500	56.0	58.5	60.4	61.2	62.7	63.1	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 4000	59.3	62.0	63.9	64.7	66.4	67.0	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 3500	63.4	66.2	68.2	69.0	70.8	71.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3000	69.5	72.4	74.4	75.7	77.7	78.2	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2500	70.9	74.0	76.2	77.8	79.8	80.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 2000	73.1	76.4	78.9	80.8	83.0	83.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1800	73.4	76.9	79.4	81.4	83.5	84.1	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1500	75.3	78.7	81.2	83.2	85.5	86.1	87.3	87.3	87.3	87.5	87.7	87.7	87.7	87.7	87.7	87.7
GE 1200	76.1	79.7	82.3	84.5	87.1	87.8	89.2	89.3	89.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000	76.4	79.9	82.6	84.8	87.6	88.9	90.4	90.6	90.6	91.0	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	76.4	79.9	82.6	84.8	87.6	88.9	90.4	90.6	90.6	91.1	91.5	91.5	91.5	91.5	91.5	91.5
GE 800	76.4	80.1	82.7	85.1	87.8	89.4	91.4	91.7	92.1	92.6	93.0	93.0	93.1	93.1	93.1	93.1
GE 700	76.4	80.1	82.8	85.3	88.4	90.1	92.3	93.0	93.5	94.3	94.7	94.7	94.8	94.8	94.8	94.8
GE 600	76.4	80.2	83.0	85.5	88.5	90.2	93.1	93.9	94.6	95.5	95.9	96.3	96.4	96.4	96.4	96.4
GE 500	76.4	80.2	83.0	85.5	88.6	90.8	94.3	95.1	95.8	97.0	97.4	97.8	97.9	97.9	97.9	97.9
GE 400	76.4	80.2	83.0	85.5	88.6	90.8	94.6	95.5	96.2	97.8	98.4	98.8	99.2	99.2	99.2	99.2
GE 300	76.4	80.2	83.0	85.5	88.6	90.8	94.6	95.5	96.2	97.9	98.7	99.1	99.6	99.6	99.7	99.7
GE 200	76.4	80.2	83.0	85.5	88.6	90.8	94.6	95.5	96.2	97.9	98.7	99.1	99.9	99.9	100.0	100.0
GE 100	76.4	80.2	83.0	85.5	88.6	90.8	94.6	95.5	96.2	97.9	98.7	99.1	99.9	99.9	100.0	100.0
GE 000	76.4	80.2	83.0	85.5	88.6	90.8	94.6	95.5	96.2	97.9	98.7	99.1	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 757

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.8	39.4	40.5	41.1	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 20000	42.4	43.5	44.7	45.5	45.9	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 18000	42.6	43.7	45.1	45.9	46.4	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 16000	42.6	43.7	45.1	45.9	46.4	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 14000	43.1	44.2	45.6	46.4	46.9	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 12000	45.0	46.3	47.7	48.5	49.1	49.3	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 10000	47.7	49.0	50.6	51.7	52.5	52.6	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 9000	47.7	49.0	50.7	51.8	52.6	52.8	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 8000	50.7	52.3	54.2	55.5	56.5	56.6	56.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 7000	52.3	53.9	55.8	57.1	58.1	58.2	58.5	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 6000	54.2	55.8	57.7	59.0	60.0	60.1	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 5000	57.6	59.3	61.6	62.8	64.0	64.1	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 4500	58.5	60.3	62.5	63.8	64.9	65.1	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 4000	62.7	64.6	67.1	68.4	69.5	70.0	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 3500	64.6	66.8	69.4	70.7	71.9	72.7	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 3000	71.6	74.3	76.9	78.1	79.9	80.9	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 2500	74.0	76.7	79.4	80.7	82.9	83.9	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	75.1	78.3	81.2	82.6	85.2	86.1	86.9	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1800	75.6	78.8	81.7	83.1	85.8	86.8	87.6	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1500	76.2	79.4	82.5	83.9	86.9	88.0	89.0	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1200	76.7	79.9	83.1	84.5	87.6	89.2	90.4	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1000	76.9	80.1	83.3	84.8	88.0	90.1	91.4	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 900	77.0	80.4	83.6	85.2	88.4	90.4	91.7	92.8	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 800	77.0	80.4	83.6	85.3	88.8	91.1	92.3	93.6	93.6	93.8	93.9	93.9	94.1	94.1	94.1	94.3
GE 700	77.4	80.9	84.1	85.8	89.5	91.7	93.3	95.1	95.1	95.9	96.0	96.0	96.2	96.2	96.2	96.3
GE 600	77.4	80.9	84.1	85.8	89.5	91.9	93.9	95.9	95.9	96.8	97.3	97.3	97.4	97.4	97.4	97.6
GE 500	77.4	80.9	84.1	85.8	89.5	91.9	93.9	96.2	96.2	97.6	98.2	98.2	98.4	98.4	98.4	98.6
GE 400	77.4	80.9	84.1	85.8	89.5	91.9	93.9	96.7	96.7	98.6	99.2	99.2	99.5	99.5	99.5	99.7
GE 300	77.4	80.9	84.1	85.8	89.5	91.9	93.9	96.7	96.7	98.7	99.4	99.4	99.7	99.7	99.7	99.8
GE 200	77.4	80.9	84.1	85.8	89.5	91.9	93.9	96.7	96.7	98.7	99.4	99.4	99.8	99.8	99.8	100.0
GE 100	77.4	80.9	84.1	85.8	89.5	91.9	93.9	96.7	96.7	98.7	99.4	99.4	99.8	99.8	99.8	100.0
GE 000	77.4	80.9	84.1	85.8	89.5	91.9	93.9	96.7	96.7	98.7	99.4	99.4	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 627

OPERATING LOCATION "A"
USAFETAC, ASHVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.9	38.9	40.8	41.4	41.6	41.9	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 20000	42.5	42.7	45.2	46.0	47.4	47.7	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 18000	42.5	42.7	45.2	46.0	48.2	48.5	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 16000	43.0	43.3	45.8	46.6	48.8	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 14000	43.0	43.3	45.8	46.6	49.0	49.3	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 12000	43.0	43.6	46.0	46.8	49.6	49.9	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 10000	46.0	46.6	49.0	51.0	54.0	54.2	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 9000	46.3	46.8	49.3	51.2	54.2	54.5	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 8000	51.5	52.3	54.8	56.7	60.0	60.3	61.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 7000	52.3	53.2	56.2	58.1	61.4	61.6	62.5	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 6000	53.2	54.0	57.0	58.9	62.2	62.5	63.3	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 5000	57.0	57.8	60.8	62.7	66.3	66.6	67.4	68.2	63.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 4500	58.6	59.5	62.5	64.4	67.9	68.2	69.0	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4000	62.7	63.6	66.8	68.8	72.6	72.9	73.7	74.5	74.5	74.5	74.5	74.5	74.8	74.8	74.8	74.8
GE 3500	66.0	66.8	70.1	72.1	75.9	76.2	77.3	78.1	78.1	78.4	78.4	78.4	78.9	78.9	78.9	78.9
GE 3000	67.7	68.5	71.8	74.0	77.8	78.6	79.7	80.5	80.5	81.1	81.1	81.1	81.6	81.6	81.6	81.6
GE 2500	69.3	70.1	73.4	75.9	79.7	80.5	81.6	82.5	82.5	83.0	83.0	83.0	83.6	83.6	83.6	83.6
GE 2000	71.8	72.6	76.4	78.9	82.7	83.6	84.7	85.5	85.5	86.3	86.3	86.3	86.8	86.8	86.8	86.8
GE 1800	72.6	73.4	77.3	80.5	84.7	85.5	86.6	87.4	87.4	88.2	88.2	88.2	88.8	88.8	88.8	88.8
GE 1500	73.2	74.0	78.4	82.2	87.7	88.5	89.6	90.7	90.7	91.8	91.8	91.8	92.3	92.3	92.3	92.3
GE 1200	73.2	74.0	78.4	82.2	87.9	88.8	89.9	91.0	91.0	92.3	92.3	92.3	92.9	92.9	92.9	92.9
GE 1000	73.2	74.0	78.4	82.2	87.9	88.8	90.1	91.2	91.2	92.6	92.9	92.9	93.4	93.4	93.4	93.4
GE 900	73.2	74.0	78.4	82.2	87.9	88.8	90.1	91.2	91.2	92.6	92.9	92.9	93.4	93.4	93.4	93.4
GE 800	73.2	74.0	78.4	82.2	88.2	89.0	90.7	91.8	91.8	93.2	93.4	93.4	94.0	94.0	94.0	94.0
GE 700	73.2	74.0	78.6	82.5	89.0	89.9	91.5	93.2	93.2	95.3	95.6	95.6	96.2	96.2	96.2	96.2
GE 600	73.2	74.0	78.6	82.5	89.0	89.9	92.3	94.0	94.0	96.2	96.4	96.4	97.0	97.0	97.0	97.0
GE 500	73.2	74.0	78.6	82.5	89.0	89.9	92.3	94.0	94.0	97.3	97.5	97.5	98.1	98.1	98.1	98.1
GE 400	73.2	74.0	78.9	82.7	89.6	90.4	93.2	94.8	94.8	98.4	98.6	98.6	99.2	99.2	99.2	99.2
GE 300	73.2	74.0	78.9	82.7	89.6	90.4	93.2	94.8	94.8	98.4	98.6	98.6	99.2	99.2	99.2	99.2
GE 200	73.2	74.0	78.9	82.7	89.6	90.4	93.2	94.8	94.8	98.4	98.6	98.6	100.0	100.0	100.0	100.0
GE 100	73.2	74.0	78.9	82.7	89.6	90.4	93.2	94.8	94.8	98.4	98.6	98.6	100.0	100.0	100.0	100.0
GE 000	73.2	74.0	78.9	82.7	89.6	90.4	93.2	94.8	94.8	98.4	98.6	98.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 365

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.5	38.1	39.3	40.5	40.8	41.1	41.3	42.2	42.2	42.2	42.2	42.2	43.1	43.1	43.1	43.1
GE 20000	41.9	42.8	44.0	45.2	45.5	45.7	46.3	47.5	47.5	47.5	47.5	47.5	48.4	48.4	48.4	48.4
GE 18000	41.9	42.8	44.0	45.2	45.5	45.7	46.3	47.5	47.5	47.5	47.5	47.5	48.4	48.4	48.4	48.4
GE 16000	41.9	42.8	44.0	45.2	45.5	45.7	46.3	47.5	47.5	47.5	47.5	47.5	48.4	48.4	48.4	48.4
GE 14000	42.2	43.1	44.9	46.0	46.3	46.6	47.2	48.4	48.4	48.4	48.4	48.4	49.3	49.3	49.3	49.3
GE 12000	44.3	45.2	46.9	48.1	49.0	49.3	49.9	51.0	51.0	51.0	51.0	51.0	51.9	51.9	51.9	51.9
GE 10000	46.3	47.5	49.9	51.3	52.8	53.1	53.7	54.8	54.8	54.8	54.8	54.8	55.7	55.7	55.7	55.7
GE 9000	46.3	47.5	49.9	51.3	52.8	53.1	53.7	54.8	54.8	54.8	54.8	54.8	55.7	55.7	55.7	55.7
GE 8000	50.4	51.6	54.0	55.4	56.9	57.2	57.8	59.2	59.2	59.2	59.2	59.2	60.1	60.1	60.1	60.1
GE 7000	51.3	52.5	55.1	56.6	58.1	58.4	58.9	60.7	60.7	60.7	60.7	60.7	61.6	61.6	61.6	61.6
GE 6000	52.5	53.7	56.6	58.1	59.5	59.8	60.4	62.5	62.5	62.5	62.5	62.5	63.3	63.3	63.3	63.3
GE 5000	56.9	58.1	61.6	63.3	65.7	66.0	66.6	68.6	68.6	68.6	68.6	68.6	69.5	69.5	69.5	69.5
GE 4500	58.4	59.5	63.0	64.8	67.2	67.4	68.0	70.1	70.1	70.1	70.1	70.1	71.0	71.0	71.0	71.0
GE 4000	62.2	63.3	68.6	70.7	73.0	73.3	73.9	76.0	76.0	76.0	76.0	76.0	76.8	76.8	76.8	76.8
GE 3500	65.7	66.9	72.7	75.1	77.4	77.7	78.3	80.4	80.4	80.4	80.4	80.4	81.2	81.2	81.2	81.2
GE 3000	67.7	68.9	74.8	77.1	79.8	80.1	80.6	82.7	82.7	82.7	82.7	82.7	83.6	83.6	83.6	83.6
GE 2500	68.9	70.1	76.2	78.9	81.5	81.8	82.4	84.5	84.5	84.5	84.5	84.5	85.3	85.3	85.3	85.3
GE 2000	68.9	70.1	77.1	79.8	82.4	82.7	83.3	85.3	85.3	85.3	85.3	85.3	86.2	86.2	86.2	86.2
GE 1800	69.8	71.0	78.3	81.5	84.2	84.5	85.0	87.1	87.1	87.1	87.1	87.1	88.0	88.0	88.0	88.0
GE 1500	70.4	71.8	79.5	83.3	87.1	87.4	88.6	90.6	90.6	90.6	90.6	90.6	91.5	91.5	91.5	91.5
GE 1200	70.4	72.1	80.1	83.9	87.7	88.3	89.4	91.5	91.5	91.8	91.8	91.8	92.7	92.7	92.7	92.7
GE 1000	70.4	72.1	80.1	84.5	88.9	89.4	90.6	93.0	93.0	93.5	93.5	93.5	94.4	94.4	94.4	94.4
GE 900	70.4	72.1	80.1	84.5	88.9	89.4	90.6	93.0	93.0	93.5	93.5	93.5	94.4	94.4	94.4	94.4
GE 800	70.4	72.1	80.1	84.5	88.9	89.4	90.6	93.0	93.0	93.5	93.5	93.5	94.4	94.4	94.4	94.4
GE 700	70.4	72.1	80.1	84.5	89.7	90.3	91.5	93.8	93.8	95.3	95.3	95.3	96.2	96.2	96.2	96.2
GE 600	70.7	72.7	80.9	85.3	90.6	91.2	92.4	94.7	94.7	96.2	96.2	96.2	97.1	97.1	97.1	97.1
GE 500	70.7	72.7	80.9	85.3	90.6	91.2	93.3	95.6	95.6	97.1	97.1	97.1	97.9	97.9	97.9	97.9
GE 400	70.7	72.7	80.9	85.3	90.6	91.2	93.3	95.6	95.6	97.1	97.1	97.1	97.9	97.9	97.9	97.9
GE 300	70.7	72.7	80.9	85.3	90.6	91.2	93.3	95.6	95.6	97.1	97.1	97.1	98.2	98.2	98.2	98.2
GE 200	70.7	72.7	80.9	85.3	90.6	91.2	93.3	95.6	95.6	97.1	97.4	97.4	99.4	99.4	99.4	99.4
GE 100	70.7	72.7	80.9	85.3	90.6	91.2	93.3	95.6	95.6	97.1	97.4	97.4	99.4	99.4	99.7	99.7
GE 000	70.7	72.7	80.9	85.3	90.6	91.2	93.3	95.6	95.6	97.1	97.4	97.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 341

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.0	38.1	39.4	39.9	40.2	40.4	40.7	40.9	40.9	40.9	41.0	41.0	41.1	41.1	41.1	41.1
GE 20000	40.5	41.8	43.2	43.8	44.5	44.6	45.1	45.2	45.2	45.3	45.4	45.4	45.5	45.5	45.5	45.6
GE 18000	40.6	42.0	43.5	44.0	44.8	45.0	45.4	45.6	45.6	45.7	45.7	45.7	45.8	45.8	45.8	45.9
GE 16000	40.8	42.1	43.6	44.2	44.9	45.1	45.5	45.7	45.7	45.8	45.8	45.8	46.0	46.0	46.0	46.0
GE 14000	41.3	42.7	44.3	44.9	45.7	45.8	46.3	46.4	46.4	46.5	46.6	46.6	46.7	46.7	46.7	46.8
GE 12000	42.6	44.2	45.8	46.3	47.3	47.4	48.0	48.2	48.2	48.3	48.3	48.3	48.5	48.5	48.5	48.5
GE 10000	45.2	46.9	48.6	49.5	50.7	50.9	51.6	51.9	51.9	52.0	52.0	52.0	52.2	52.2	52.2	52.2
GE 9000	45.4	47.1	48.8	49.7	50.9	51.1	51.8	52.0	52.0	52.1	52.2	52.2	52.4	52.4	52.4	52.4
GE 8000	48.7	50.8	52.6	53.7	55.0	55.2	55.9	56.3	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.7
GE 7000	49.7	52.0	54.0	55.0	56.4	56.6	57.3	57.8	57.8	57.9	58.0	58.0	58.1	58.1	58.1	58.2
GE 6000	51.2	53.7	55.8	56.9	58.3	58.5	59.2	59.8	59.8	59.9	59.9	59.9	60.1	60.1	60.1	60.1
GE 5000	54.6	57.2	59.7	60.9	62.6	62.8	63.7	64.2	64.2	64.3	64.4	64.4	64.6	64.6	64.6	64.7
GE 4500	55.8	58.5	61.0	62.2	63.8	64.1	64.9	65.5	65.5	65.6	65.6	65.6	65.9	65.9	65.9	65.9
GE 4000	59.4	62.4	65.3	66.6	68.4	68.7	69.6	70.1	70.1	70.2	70.3	70.3	70.5	70.5	70.5	70.6
GE 3500	62.7	65.8	68.9	70.2	72.1	72.5	73.5	74.0	74.0	74.2	74.3	74.3	74.6	74.6	74.6	74.6
GE 3000	67.4	70.6	73.7	75.4	77.6	78.2	79.3	79.9	79.9	80.1	80.2	80.2	80.5	80.5	80.5	80.5
GE 2500	68.8	72.1	75.4	77.2	79.5	80.2	81.4	82.0	82.0	82.2	82.3	82.3	82.6	82.6	82.6	82.6
GE 2000	70.4	73.8	77.3	79.4	81.9	82.7	83.9	84.5	84.5	84.8	84.9	84.9	85.2	85.2	85.2	85.2
GE 1800	70.9	74.4	77.9	80.1	82.7	83.5	84.7	85.3	85.4	85.7	85.7	85.7	86.0	86.0	86.0	86.1
GE 1500	71.8	75.3	79.0	81.3	84.4	85.3	86.6	87.3	87.4	87.8	87.9	87.9	88.2	88.2	88.2	88.2
GE 1200	72.2	75.9	79.8	82.2	85.5	86.6	88.1	88.9	88.9	89.4	89.5	89.5	89.8	89.8	89.9	89.9
GE 1000	72.4	76.1	80.0	82.6	86.0	87.4	89.0	90.1	90.1	90.8	91.1	91.1	91.4	91.4	91.5	91.6
GE 900	72.6	76.4	80.2	82.8	86.3	87.6	89.3	90.5	90.5	91.2	91.5	91.5	91.9	91.9	92.0	92.0
GE 800	72.6	76.4	80.4	83.0	86.6	88.1	89.9	91.2	91.2	92.0	92.4	92.4	92.8	92.8	92.9	92.9
GE 700	72.7	76.6	80.6	83.2	87.3	88.8	90.8	92.3	92.5	93.7	94.1	94.1	94.5	94.5	94.6	94.6
GE 600	72.8	76.7	80.8	83.5	87.5	89.2	91.7	93.3	93.5	94.9	95.3	95.5	95.9	95.9	96.0	96.1
GE 500	72.8	76.8	80.8	83.5	87.6	89.4	92.4	94.0	94.3	96.0	96.5	96.7	97.2	97.2	97.4	97.5
GE 400	72.8	76.8	80.9	83.5	87.6	89.5	92.6	94.4	94.6	96.7	97.3	97.5	98.1	98.2	98.4	98.5
GE 300	72.8	76.8	80.9	83.5	87.6	89.5	92.6	94.5	94.7	96.8	97.5	97.8	98.5	98.7	99.0	99.1
GE 200	72.8	76.8	80.9	83.5	87.6	89.5	92.6	94.5	94.7	96.8	97.6	97.8	98.9	99.1	99.5	99.8
GE 100	72.8	76.8	80.9	83.5	87.6	89.5	92.6	94.5	94.7	96.8	97.6	97.8	98.9	99.1	99.5	99.9
GE 000	72.8	76.8	80.9	83.5	87.6	89.5	92.6	94.5	94.7	96.8	97.6	97.8	98.9	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 3176

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.3	40.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	43.5
GE 20000	41.9	41.9	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	45.2
GE 18000	43.5	43.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	46.8
GE 16000	43.5	43.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	46.8
GE 14000	45.2	45.2	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	48.4
GE 12000	46.8	46.8	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	50.0
GE 10000	50.0	50.0	51.6	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	54.8
GE 9000	50.0	50.0	51.6	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	54.8
GE 8000	54.8	54.8	56.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	59.7
GE 7000	56.5	56.5	59.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	62.9
GE 6000	56.5	56.5	59.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	62.9
GE 5000	59.7	59.7	62.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	66.1
GE 4500	62.9	62.9	66.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	69.4
GE 4000	67.7	67.7	71.0	74.2	75.8	75.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	79.0
GE 3500	67.7	67.7	71.0	74.2	75.8	75.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	79.0
GE 3000	72.6	72.6	75.8	79.0	82.3	82.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	85.5
GE 2500	72.6	72.6	75.8	79.0	82.3	82.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	85.5
GE 2000	72.6	74.2	77.4	80.6	85.5	85.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	88.7	88.7	90.3
GE 1800	72.6	74.2	77.4	80.6	85.5	85.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	88.7	88.7	90.3
GE 1500	72.6	74.2	77.4	80.6	85.5	85.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	88.7	88.7	90.3
GE 1200	72.6	74.2	77.4	80.6	87.1	87.1	88.7	88.7	88.7	88.7	88.7	88.7	90.3	90.3	90.3	91.9
GE 1000	72.6	74.2	77.4	80.6	87.1	87.1	88.7	88.7	88.7	90.3	90.3	90.3	91.9	91.9	91.9	93.5
GE 900	72.6	74.2	77.4	80.6	87.1	87.1	88.7	88.7	88.7	90.3	90.3	90.3	91.9	91.9	91.9	93.5
GE 800	72.6	74.2	77.4	80.6	87.1	87.1	90.3	90.3	90.3	91.9	91.9	91.9	93.5	93.5	93.5	95.2
GE 700	72.6	74.2	77.4	80.6	87.1	87.1	91.9	91.9	91.9	93.5	93.5	93.5	95.2	95.2	95.2	96.8
GE 600	72.6	74.2	77.4	80.6	87.1	87.1	91.9	93.5	93.5	95.2	95.2	95.2	96.8	96.8	96.8	98.4
GE 500	72.6	74.2	77.4	80.6	87.1	87.1	91.9	93.5	93.5	95.2	95.2	95.2	96.8	96.8	96.8	98.4
GE 400	72.6	74.2	77.4	80.6	87.1	87.1	91.9	93.5	93.5	95.2	95.2	95.2	96.8	96.8	96.8	98.4
GE 300	72.6	74.2	77.4	80.6	87.1	87.1	91.9	93.5	93.5	95.2	95.2	95.2	96.8	96.8	96.8	98.4
GE 200	72.6	74.2	77.4	80.6	87.1	87.1	91.9	93.5	93.5	95.2	95.2	95.2	96.8	96.8	96.8	98.4
GE 100	72.6	74.2	77.4	80.6	87.1	87.1	91.9	93.5	93.5	95.2	95.2	95.2	96.8	96.8	96.8	98.4
GE 000	72.6	74.2	77.4	80.6	87.1	87.1	91.9	93.5	93.5	95.2	95.2	95.2	96.8	96.8	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 62

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.5	29.5	30.3	30.7	31.1	31.8	31.8	31.8	31.8	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 20000	33.3	33.7	34.5	34.8	35.2	36.0	36.0	36.0	36.0	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 18000	33.7	34.1	35.2	35.6	36.0	36.7	36.7	36.7	36.7	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 16000	34.1	34.5	35.6	36.0	36.4	37.1	37.1	37.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 14000	34.5	34.8	36.0	36.4	36.7	37.5	37.5	37.5	37.5	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 12000	38.6	39.0	40.2	40.5	40.9	41.7	41.7	41.7	41.7	42.0	42.0	42.0	42.0	42.0	42.0	42.4
GE 10000	42.8	43.6	45.1	45.5	45.8	46.6	46.6	46.6	46.6	47.0	47.3	47.3	47.3	47.3	47.3	47.7
GE 9000	43.2	43.9	45.5	45.8	46.2	47.0	47.0	47.3	47.3	47.7	48.1	48.1	48.1	48.1	48.1	48.5
GE 8000	47.3	48.1	49.6	50.8	51.5	52.3	52.3	52.7	52.7	53.0	53.4	53.4	53.4	53.4	53.4	53.8
GE 7000	50.0	50.8	52.3	53.4	54.2	54.9	54.9	55.3	55.3	55.7	56.1	56.1	56.1	56.1	56.1	56.4
GE 6000	51.9	52.7	54.2	55.7	56.4	57.2	57.2	57.6	57.6	58.0	58.3	58.3	58.3	58.3	58.3	58.7
GE 5000	53.4	54.5	56.8	58.3	59.5	60.2	60.2	60.6	60.6	61.0	61.4	61.4	61.4	61.4	61.4	61.7
GE 4500	55.3	56.4	58.7	60.2	61.7	62.5	62.5	62.9	62.9	63.3	63.6	63.6	63.6	63.6	63.6	64.0
GE 4000	60.6	62.1	64.4	65.9	67.8	68.6	68.6	68.9	68.9	69.3	69.7	69.7	70.1	70.1	70.1	70.5
GE 3500	63.6	66.3	68.6	70.1	72.0	72.7	72.7	73.1	73.1	73.5	73.9	73.9	74.2	74.2	74.2	74.6
GE 3000	68.2	70.8	73.9	75.8	78.0	78.8	78.8	79.2	79.2	79.5	79.9	79.9	80.3	80.3	80.3	81.1
GE 2500	69.7	72.7	76.1	78.0	80.3	81.4	81.8	82.2	82.2	82.6	83.0	83.0	83.3	83.3	83.3	84.1
GE 2000	71.6	74.6	78.8	80.7	83.3	84.5	85.2	85.6	85.6	86.0	86.4	86.4	86.7	86.7	86.7	87.5
GE 1800	71.6	74.6	78.8	80.7	83.3	84.5	85.2	85.6	85.6	86.0	86.4	86.4	86.7	86.7	86.7	87.5
GE 1500	72.3	75.4	79.5	81.8	84.5	85.6	86.4	86.7	86.7	87.1	87.5	87.5	87.9	87.9	87.9	88.6
GE 1200	72.3	75.4	79.5	82.2	85.2	86.4	87.5	87.9	87.9	88.6	89.0	89.4	89.8	89.8	89.8	90.5
GE 1000	72.3	75.4	79.9	82.6	86.4	87.5	88.6	89.0	89.0	89.8	90.2	90.5	90.9	90.9	90.9	91.7
GE 900	72.3	75.4	79.9	82.6	86.7	87.9	89.0	89.4	89.4	90.2	90.5	90.9	91.3	91.7	91.7	92.4
GE 800	72.7	75.8	80.3	83.0	87.1	88.3	89.4	89.8	89.8	90.5	90.9	91.3	92.0	92.4	92.4	93.2
GE 700	72.7	75.8	80.3	83.0	87.1	88.6	90.2	90.5	90.9	92.0	92.4	92.8	93.6	93.9	93.9	94.7
GE 600	72.7	75.8	80.3	83.0	87.5	89.0	90.9	91.3	91.7	92.8	93.2	93.6	94.3	94.7	94.7	95.5
GE 500	72.7	75.8	80.3	83.0	87.9	89.4	91.3	92.0	92.4	93.9	94.7	95.1	96.2	96.6	96.6	97.3
GE 400	72.7	75.8	80.3	83.0	87.9	89.4	91.3	92.0	92.8	94.3	95.1	95.5	96.6	97.0	97.3	98.1
GE 300	72.7	75.8	80.3	83.0	87.9	89.4	91.3	92.0	92.8	94.3	95.5	95.8	97.0	97.3	97.7	98.5
GE 200	72.7	75.8	80.3	83.0	87.9	89.4	91.3	92.0	92.8	94.3	95.5	95.8	97.3	97.7	98.5	99.6
GE 100	72.7	75.8	80.3	83.0	87.9	89.4	91.3	92.0	92.8	94.3	95.5	95.8	97.7	98.1	98.9	100.0
GE 000	72.7	75.8	80.3	83.0	87.9	89.4	91.3	92.0	92.8	94.3	95.5	95.8	97.7	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 264

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.6	31.1	32.2	32.5	32.6	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 20000	36.9	37.4	38.6	38.8	38.9	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 18000	37.2	37.8	38.9	39.2	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 16000	37.5	38.2	39.3	39.6	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 14000	39.1	39.8	41.0	41.2	41.3	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 12000	40.6	41.3	43.0	43.2	43.7	43.7	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.1
GE 10000	46.5	47.5	49.4	49.7	50.4	50.4	50.6	50.7	50.7	50.9	51.1	51.1	51.1	51.1	51.1	51.2
GE 9000	46.9	48.0	49.9	50.2	50.9	50.9	51.1	51.2	51.2	51.5	51.6	51.6	51.6	51.6	51.6	51.7
GE 8000	49.6	50.9	53.0	53.4	54.5	54.5	54.6	54.7	54.7	55.1	55.2	55.2	55.2	55.2	55.2	55.4
GE 7000	51.2	52.6	54.7	55.1	56.3	56.3	56.4	56.5	56.5	56.9	57.0	57.0	57.0	57.0	57.0	57.1
GE 6000	53.2	54.7	57.0	57.6	58.8	58.8	58.9	59.0	59.0	59.4	59.5	59.5	59.5	59.5	59.5	59.7
GE 5000	55.4	57.0	60.1	61.2	62.5	62.5	62.6	62.7	62.7	63.1	63.2	63.2	63.2	63.2	63.2	63.3
GE 4500	56.8	58.5	61.6	62.8	64.3	64.5	64.6	64.7	65.1	65.5	65.6	65.6	65.6	65.6	65.6	65.7
GE 4000	61.2	63.0	66.2	67.8	69.8	69.9	70.0	70.2	70.5	70.9	71.2	71.2	71.2	71.2	71.2	71.3
GE 3500	64.3	66.8	70.2	71.9	74.2	74.3	74.6	74.7	75.1	75.7	76.0	76.0	76.0	76.0	76.0	76.1
GE 3000	69.4	72.1	75.7	77.5	80.0	80.2	80.5	80.7	81.0	81.7	82.0	82.0	82.2	82.2	82.2	82.3
GE 2500	71.2	74.0	77.6	79.5	82.6	82.8	83.3	83.6	83.9	84.6	85.0	85.0	85.2	85.2	85.2	85.3
GE 2000	71.6	74.8	78.8	80.7	83.7	84.1	85.0	85.3	85.7	86.3	86.9	86.9	87.1	87.1	87.1	87.2
GE 1800	71.6	74.8	78.8	80.7	83.8	84.2	85.1	85.6	86.0	86.6	87.1	87.1	87.4	87.4	87.4	87.5
GE 1500	72.7	76.0	80.0	82.0	85.5	85.8	86.9	87.4	87.7	88.4	88.9	88.9	89.1	89.1	89.1	89.4
GE 1200	72.9	76.2	80.4	82.4	86.0	86.5	87.5	88.0	88.5	89.3	89.8	89.8	90.1	90.1	90.1	90.4
GE 1000	72.9	76.4	80.5	82.8	86.5	87.1	88.4	89.1	89.9	90.9	91.4	91.5	91.9	91.9	91.9	92.2
GE 900	72.9	76.4	80.8	83.2	87.6	88.4	89.6	90.5	91.3	92.5	93.3	93.4	93.8	93.9	93.9	94.2
GE 800	72.9	76.4	80.8	83.2	87.7	88.6	89.9	90.8	91.7	92.9	93.7	93.8	94.2	94.3	94.3	94.6
GE 700	72.9	76.4	80.8	83.2	87.7	88.7	90.3	91.2	92.0	93.6	94.4	94.6	94.9	95.1	95.1	95.3
GE 600	72.9	76.4	80.8	83.3	87.9	88.9	90.8	91.7	92.5	94.4	95.3	95.6	96.0	96.1	96.2	96.5
GE 500	72.9	76.4	80.8	83.3	87.9	88.9	91.0	92.0	92.9	94.9	95.8	96.1	96.5	96.6	96.7	97.0
GE 400	72.9	76.4	80.8	83.3	88.0	89.0	91.3	92.3	93.3	95.7	96.6	96.8	97.3	97.5	97.6	98.5
GE 300	72.9	76.4	80.8	83.3	88.0	89.0	91.3	92.3	93.6	96.0	96.8	97.1	97.6	97.7	97.9	98.7
GE 200	72.9	76.4	80.8	83.3	88.0	89.0	91.3	92.3	93.6	96.1	97.0	97.2	98.2	98.7	99.0	100.0
GE 100	72.9	76.4	80.8	83.3	88.0	89.0	91.3	92.3	93.6	96.1	97.0	97.2	98.2	98.7	99.0	100.0
GE 000	72.9	76.4	80.8	83.3	88.0	89.0	91.3	92.3	93.6	96.1	97.0	97.2	98.2	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 791

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC HOURS: 12-14

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.0	35.0	35.5	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 20000	41.1	41.5	42.0	42.2	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 18000	42.1	42.5	43.0	43.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 16000	42.6	43.0	43.5	43.8	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 14000	44.1	44.4	45.0	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 12000	45.9	46.5	47.0	47.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 10000	49.7	50.6	51.2	51.7	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 9000	50.6	51.6	52.1	52.6	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 8000	53.4	54.4	55.3	55.8	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 7000	55.0	56.1	57.1	57.6	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 6000	56.6	57.8	58.8	59.3	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 5000	58.3	59.4	60.9	61.8	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 4500	59.4	60.9	62.4	63.4	65.0	65.1	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 4000	64.7	66.3	68.1	69.3	70.8	70.9	71.4	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 3500	67.4	69.5	71.4	72.7	74.3	74.4	74.9	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3000	72.5	74.7	76.7	78.2	80.4	80.7	81.3	81.7	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.3
GE 2500	74.2	76.7	79.1	80.6	83.3	83.7	84.2	84.6	84.9	85.4	85.5	85.5	85.5	85.5	85.5	85.5
GE 2000	74.9	77.5	80.0	81.8	84.9	85.3	85.8	86.2	86.4	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 1800	75.1	77.6	80.1	81.9	85.1	85.5	86.0	86.4	86.7	87.5	87.6	87.6	87.6	87.6	87.6	87.6
GE 1500	75.8	78.4	80.9	82.8	86.3	86.8	87.3	87.7	88.0	88.9	89.0	89.1	89.1	89.1	89.1	89.1
GE 1200	75.8	78.4	80.9	82.8	86.3	86.8	87.6	88.2	88.6	89.7	89.9	90.1	90.2	90.2	90.2	90.2
GE 1000	75.8	78.4	80.9	82.8	86.8	87.6	89.1	90.4	91.0	92.0	92.2	92.4	92.6	92.6	92.6	92.6
GE 900	76.0	78.6	81.0	83.1	87.2	88.1	89.8	91.2	91.7	92.9	93.3	93.4	93.7	93.7	93.7	93.7
GE 800	76.0	78.6	81.1	83.2	87.3	88.2	89.9	91.5	92.0	93.4	94.1	94.2	94.6	94.6	94.8	94.8
GE 700	76.0	78.6	81.1	83.2	87.6	88.5	90.2	92.1	92.6	94.1	95.1	95.2	95.6	95.6	95.9	95.9
GE 600	76.0	78.6	81.1	83.3	87.7	88.8	90.8	92.8	93.4	94.8	95.9	96.0	96.4	96.4	96.6	96.6
GE 500	76.0	78.6	81.1	83.3	87.7	88.9	91.2	93.3	94.1	95.6	96.6	96.8	97.2	97.2	97.4	97.5
GE 400	76.0	78.6	81.1	83.3	87.7	88.9	91.2	93.3	94.1	95.9	96.9	97.2	97.7	97.7	97.9	98.6
GE 300	76.0	78.6	81.1	83.3	87.7	88.9	91.2	93.4	94.2	96.5	97.5	97.8	98.4	98.7	99.0	99.6
GE 200	76.0	78.6	81.1	83.3	87.7	88.9	91.2	93.4	94.2	96.8	97.8	98.1	98.7	99.0	99.2	99.9
GE 100	76.0	78.6	81.1	83.3	87.7	88.9	91.2	93.4	94.2	96.8	97.8	98.1	98.7	99.0	99.4	100.0
GE 000	76.0	78.6	81.1	83.3	87.7	88.9	91.2	93.4	94.2	96.8	97.8	98.1	98.7	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 774

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.6	37.6	37.6	37.6	38.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 20000	42.6	42.6	42.6	42.6	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 18000	43.2	43.2	43.2	43.2	43.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 16000	43.7	43.7	43.7	43.7	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 14000	45.4	45.4	45.4	45.4	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 12000	47.5	47.5	47.5	47.5	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 10000	51.5	51.7	52.3	52.3	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 9000	52.6	52.8	53.5	53.5	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 8000	55.8	55.9	56.8	57.8	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 7000	56.1	56.3	57.1	58.3	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 6000	58.4	58.6	59.4	60.6	61.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 5000	62.2	62.4	63.4	64.9	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 4500	63.0	63.2	64.4	66.2	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4000	66.8	67.2	68.3	70.1	71.3	71.8	72.6	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3500	69.5	70.1	71.3	73.1	74.4	74.9	75.7	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 3000	73.9	75.1	76.2	78.2	79.7	80.2	81.2	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2500	76.1	77.6	79.0	81.4	83.0	83.5	84.7	85.0	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 2000	77.6	79.2	81.0	83.8	85.5	86.0	87.3	87.6	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	77.7	79.4	81.2	84.0	85.6	86.1	87.5	87.8	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1500	78.5	80.4	82.3	85.1	87.0	87.5	88.9	89.3	89.6	89.8	89.8	89.8	89.9	89.9	89.9	89.9
GE 1200	78.9	80.7	82.7	85.6	88.3	88.8	90.6	90.9	91.3	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 1000	78.9	80.7	82.7	85.8	88.8	89.3	91.3	92.1	92.4	92.9	92.9	92.9	93.2	93.2	93.2	93.2
GE 900	78.9	80.7	82.8	86.1	89.1	89.6	91.6	92.4	92.7	93.4	93.4	93.4	93.7	93.7	93.7	93.7
GE 800	78.9	80.7	82.8	86.1	89.1	89.6	91.6	92.4	92.9	93.7	93.7	93.7	94.1	94.1	94.1	94.1
GE 700	78.9	80.7	82.8	86.1	89.3	89.8	92.1	92.9	93.4	94.2	94.7	94.7	95.0	95.0	95.0	95.0
GE 600	78.9	80.7	82.8	86.3	89.9	90.4	93.1	94.2	94.9	95.7	96.2	96.2	96.5	96.5	96.5	96.5
GE 500	78.9	80.7	82.8	86.3	89.9	90.9	93.7	94.9	95.7	96.7	97.5	97.5	97.9	97.9	97.9	97.9
GE 400	78.9	80.7	82.8	86.3	89.9	90.9	93.7	94.9	95.7	97.2	98.3	98.3	98.7	98.7	98.7	98.7
GE 300	78.9	80.7	82.8	86.3	89.9	90.9	93.9	95.0	95.9	97.9	99.3	99.3	99.7	99.7	99.7	99.7
GE 200	78.9	80.7	82.8	86.3	89.9	90.9	93.9	95.0	95.9	97.9	99.3	99.3	99.7	99.7	99.7	99.8
GE 100	78.9	80.7	82.8	86.3	89.9	90.9	93.9	95.0	95.9	97.9	99.3	99.3	99.7	99.7	99.7	100.0
GE 000	78.9	80.7	82.8	86.3	89.9	90.9	93.9	95.0	95.9	97.9	99.3	99.3	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 606

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.7	39.7	40.0	40.0	40.0	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 20000	44.3	44.3	44.7	44.7	44.7	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 18000	44.7	44.7	45.0	45.0	45.0	45.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 16000	45.7	45.7	46.0	46.0	46.0	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 14000	46.3	46.3	46.7	46.7	46.7	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 12000	48.0	48.0	48.3	48.3	48.3	48.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 10000	54.3	54.3	55.0	56.0	56.0	56.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 9000	55.3	55.3	56.0	57.0	57.0	57.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 8000	57.0	57.0	57.7	59.0	59.0	59.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 7000	57.3	57.3	58.0	59.3	59.3	59.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 6000	58.7	58.3	59.0	60.3	60.3	60.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 5000	63.0	63.0	63.7	65.0	65.0	65.3	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4500	65.0	65.0	65.7	67.3	67.3	67.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 4000	67.3	68.0	69.0	71.3	72.0	72.3	74.0	74.3	74.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3500	69.0	69.7	71.0	73.7	74.3	74.7	76.3	77.0	77.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3000	73.7	74.3	75.7	78.3	79.0	79.3	81.0	83.3	83.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2500	74.7	76.0	77.3	80.7	82.7	83.0	84.7	87.0	87.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	75.3	76.7	79.3	82.7	84.7	85.0	86.7	89.3	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1800	75.3	76.7	79.3	82.7	84.7	85.0	86.7	89.3	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1500	75.7	77.0	79.7	83.0	85.0	85.3	87.3	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1200	76.0	77.3	80.0	83.3	85.3	85.7	88.0	91.0	91.0	92.7	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000	76.0	77.3	80.0	83.3	85.3	85.7	88.7	91.7	91.7	93.3	93.7	93.7	93.7	93.7	93.7	93.7
GE 900	76.0	77.3	80.3	83.7	86.0	87.0	90.0	93.0	93.0	94.7	95.0	95.0	95.0	95.0	95.0	95.0
GE 800	76.0	77.3	80.7	84.0	86.7	87.7	90.7	93.7	93.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	76.0	77.3	80.7	84.0	87.0	88.0	92.0	95.0	95.0	96.7	97.0	97.0	97.3	97.3	97.3	97.3
GE 600	76.0	77.3	80.7	84.0	87.3	88.3	92.3	95.3	95.3	97.7	98.0	98.0	98.3	98.3	98.3	98.3
GE 500	76.0	77.3	80.7	84.0	87.3	88.3	92.3	95.3	95.3	97.7	98.0	98.0	98.3	98.3	98.3	98.3
GE 400	76.0	77.3	80.7	84.0	87.3	88.3	92.3	95.3	95.3	97.7	98.0	98.0	98.3	98.3	98.3	98.3
GE 300	76.0	77.3	80.7	84.0	87.3	88.3	92.3	95.3	95.3	97.7	98.0	98.0	98.3	98.3	98.7	98.7
GE 200	76.0	77.3	80.7	84.0	87.3	88.3	92.3	95.3	95.3	97.7	98.3	98.3	98.7	98.7	99.3	99.7
GE 100	76.0	77.3	80.7	84.0	87.3	88.3	92.3	95.3	95.3	97.7	98.3	98.3	98.7	98.7	99.7	100.0
GE 000	76.0	77.3	80.7	84.0	87.3	88.3	92.3	95.3	95.3	97.7	98.3	98.3	98.7	98.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CELL	43.0	44.2	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	45.0	45.7
GE 20000	46.1	47.7	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.4	49.2
GE 18000	46.5	48.1	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.8	49.6
GE 16000	46.5	48.1	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.8	49.6
GE 14000	47.3	48.8	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.6	50.4
GE 12000	49.2	50.8	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.6	52.3
GE 10000	52.7	54.3	54.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.8	56.6
GE 9000	52.7	54.3	54.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.8	56.6
GE 8000	56.6	58.1	58.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.7	60.5
GE 7000	57.8	59.3	59.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.9	61.6
GE 6000	58.9	60.5	60.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	62.0	62.8
GE 5000	64.7	66.3	66.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.8	68.6
GE 4500	66.7	68.2	68.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.8	70.5
GE 4000	70.5	72.1	72.1	75.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.7	77.5
GE 3500	71.7	73.3	74.0	77.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.7	79.5
GE 3000	76.7	78.3	79.5	82.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.5	85.3
GE 2500	77.5	79.5	80.6	83.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.4	87.2
GE 2000	77.5	79.8	81.4	86.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	90.3	90.7	91.5
GE 1800	77.9	80.6	82.2	87.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	91.1	91.5	92.2
GE 1500	79.1	81.8	83.7	89.1	91.5	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	93.8	94.2	95.0
GE 1200	79.1	81.8	83.7	89.1	91.5	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	93.8	94.2	95.0
GE 1000	79.1	81.8	83.7	89.1	91.5	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	93.8	94.2	95.0
GE 900	79.1	81.8	83.7	89.1	91.5	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	93.8	94.2	95.0
GE 800	79.1	81.8	83.7	89.1	91.5	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	93.8	94.2	95.0
GE 700	79.1	81.8	83.7	89.1	91.5	92.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	95.3	95.7	96.5
GE 600	79.1	81.8	83.7	89.1	91.5	92.2	94.2	95.3	95.3	95.3	95.3	95.3	95.3	96.5	96.9	97.7
GE 500	79.1	81.8	83.7	89.1	91.5	92.2	94.2	95.3	95.3	95.3	95.3	95.3	97.3	97.3	97.7	98.4
GE 400	79.1	81.8	83.7	89.1	91.5	92.2	94.2	95.3	95.3	95.3	95.7	95.7	97.7	97.7	98.1	98.8
GE 300	79.1	81.8	83.7	89.1	91.5	92.2	94.2	95.3	95.3	95.3	95.7	95.7	97.7	97.7	98.1	98.8
GE 200	79.1	81.8	83.7	89.1	91.5	92.2	94.2	95.3	95.3	95.3	95.7	95.7	97.7	97.7	98.1	98.8
GE 100	79.1	81.8	83.7	89.1	91.5	92.2	94.2	95.3	95.3	95.3	95.7	95.7	97.7	97.7	98.1	98.8
GE 000	79.1	81.8	83.7	89.1	91.5	92.2	94.2	95.3	95.3	95.3	95.7	95.7	97.7	97.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 258

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/5	GE 1/4	GE 0
NO CEIL	35.2	35.4	35.9	36.1	36.3	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.7
GE 20000	40.4	40.8	41.3	41.5	41.8	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.1
GE 18000	41.0	41.4	42.0	42.2	42.4	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.8
GE 16000	41.4	41.9	42.5	42.7	42.9	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.2
GE 14000	42.7	43.2	43.8	44.0	44.2	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5	44.5
GE 12000	44.7	45.2	46.0	46.2	46.5	46.6	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	47.0
GE 10000	49.4	50.1	51.1	51.5	52.0	52.2	52.3	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.7
GE 9000	50.0	50.8	51.8	52.2	52.7	52.9	53.1	53.1	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.5
GE 8000	53.0	53.8	55.0	55.8	56.7	56.8	57.0	57.1	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.4
GE 7000	54.3	55.2	56.4	57.2	58.2	58.4	58.5	58.6	58.6	58.7	58.8	58.8	58.8	58.8	58.8	59.0
GE 6000	56.0	57.0	58.2	59.1	60.1	60.4	60.5	60.6	60.6	60.7	60.8	60.8	60.8	60.8	60.8	61.0
GE 5000	58.9	59.9	61.6	62.8	63.8	64.1	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.7
GE 4500	60.3	61.4	63.1	64.5	65.7	65.9	66.2	66.3	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.8
GE 4000	64.7	65.9	67.8	69.6	71.1	71.3	71.8	72.0	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.8
GE 3500	67.2	68.9	71.0	72.9	74.5	74.7	75.3	75.5	75.7	76.0	76.1	76.1	76.1	76.1	76.2	76.3
GE 3000	72.1	74.0	76.2	78.2	80.2	80.5	81.1	81.6	81.8	82.2	82.3	82.3	82.4	82.4	82.4	82.6
GE 2500	73.7	75.9	78.3	80.5	82.9	83.3	84.1	84.5	84.8	85.3	85.4	85.4	85.5	85.5	85.6	85.8
GE 2000	74.5	77.0	79.8	82.3	84.9	85.3	86.2	86.8	87.0	87.5	87.7	87.7	87.9	87.9	88.0	88.2
GE 1800	74.6	77.1	79.9	82.4	85.1	85.5	86.4	87.0	87.2	87.8	88.0	88.0	88.2	88.2	88.2	88.4
GE 1500	75.5	78.0	80.9	83.5	86.4	86.9	87.9	88.5	88.7	89.3	89.5	89.5	89.8	89.8	89.8	90.0
GE 1200	75.6	78.1	81.1	83.8	86.9	87.4	88.6	89.3	89.6	90.4	90.6	90.7	91.0	91.0	91.1	91.3
GE 1000	75.6	78.2	81.1	83.9	87.3	88.0	89.6	90.6	91.0	91.8	92.1	92.2	92.6	92.6	92.6	92.9
GE 900	75.6	78.2	81.3	84.2	87.9	88.7	90.3	91.4	91.8	92.8	93.1	93.2	93.6	93.7	93.7	93.9
GE 800	75.7	78.2	81.4	84.3	88.1	88.9	90.5	91.6	92.1	93.2	93.6	93.7	94.2	94.2	94.3	94.6
GE 700	75.7	78.2	81.4	84.3	88.2	89.1	91.1	92.3	92.8	94.0	94.7	94.8	95.3	95.4	95.5	95.7
GE 600	75.7	78.2	81.4	84.4	88.4	89.4	91.7	93.1	93.7	95.1	95.7	95.8	96.3	96.4	96.5	96.8
GE 500	75.7	78.2	81.4	84.4	88.5	89.5	92.0	93.6	94.2	95.7	96.4	96.6	97.2	97.2	97.3	97.6
GE 400	75.7	78.2	81.4	84.4	88.5	89.6	92.1	93.6	94.3	96.1	96.9	97.1	97.7	97.8	98.0	98.5
GE 300	75.7	78.2	81.4	84.4	88.5	89.6	92.1	93.7	94.4	96.4	97.4	97.5	98.2	98.4	98.6	99.1
GE 200	75.7	78.2	81.4	84.4	88.5	89.6	92.1	93.7	94.4	96.5	97.5	97.7	98.5	98.8	99.1	99.7
GE 100	75.7	78.2	81.4	84.4	88.5	89.6	92.1	93.7	94.4	96.5	97.5	97.7	98.6	98.8	99.1	99.9
GE 000	75.7	78.2	81.4	84.4	88.5	89.6	92.1	93.7	94.4	96.5	97.5	97.7	98.6	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 3055

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.2	43.7	45.0	45.8	46.5	46.7	46.9	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.2
GE 20000	46.8	48.6	50.1	51.1	51.9	52.1	52.4	52.5	52.5	52.6	52.6	52.6	52.6	52.7	52.7	52.7
GE 18000	47.2	49.0	50.6	51.5	52.3	52.6	52.8	52.9	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.2
GE 16000	47.3	49.1	50.7	51.6	52.4	52.6	52.9	53.0	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.3
GE 14000	48.0	49.9	51.5	52.5	53.3	53.5	53.8	53.9	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.2
GE 12000	48.9	50.9	52.6	53.6	54.5	54.7	55.0	55.1	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.4
GE 10000	52.3	54.5	56.4	57.7	58.7	58.9	59.3	59.4	59.4	59.5	59.6	59.6	59.6	59.7	59.7	59.7
GE 9000	52.6	54.8	56.7	58.0	59.0	59.3	59.6	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.1
GE 8000	55.5	57.9	60.1	61.6	62.7	63.0	63.4	63.6	63.7	63.8	63.9	63.9	63.9	63.9	63.9	64.0
GE 7000	56.6	59.2	61.5	63.0	64.2	64.5	65.0	65.2	65.2	65.4	65.4	65.5	65.5	65.5	65.5	65.6
GE 6000	57.8	60.4	62.9	64.5	65.8	66.1	66.6	66.8	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.2
GE 5000	60.3	63.1	65.8	67.6	69.0	69.4	69.9	70.1	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5
GE 4500	61.5	64.4	67.2	69.0	70.5	70.9	71.5	71.7	71.8	71.9	72.0	72.0	72.1	72.1	72.1	72.2
GE 4000	64.9	68.0	71.1	73.2	74.9	75.4	76.0	76.3	76.4	76.6	76.7	76.7	76.8	76.8	76.8	76.8
GE 3500	66.9	70.3	73.5	75.7	77.6	78.0	78.7	79.0	79.1	79.3	79.4	79.5	79.5	79.5	79.6	79.6
GE 3000	70.2	73.9	77.5	79.9	82.2	82.7	83.5	83.9	83.9	84.2	84.4	84.4	84.5	84.5	84.5	84.6
GE 2500	71.3	75.0	78.8	81.3	83.8	84.3	85.2	85.6	85.7	86.0	86.2	86.2	86.3	86.3	86.3	86.3
GE 2000	72.3	76.2	80.2	83.0	85.7	86.4	87.4	87.9	88.0	88.3	88.5	88.5	88.7	88.7	88.7	88.7
GE 1800	72.4	76.4	80.4	83.2	86.0	86.7	87.7	88.2	88.3	88.6	88.8	88.8	88.9	89.0	89.0	89.0
GE 1500	72.9	77.0	81.2	84.2	87.3	88.1	89.3	89.8	89.9	90.3	90.6	90.6	90.7	90.8	90.8	90.8
GE 1200	73.2	77.4	81.6	84.8	88.2	89.1	90.5	91.1	91.2	91.7	92.1	92.1	92.2	92.2	92.3	92.3
GE 1000	73.4	77.7	82.0	85.3	89.0	90.0	91.6	92.3	92.5	93.2	93.6	93.6	93.8	93.8	93.8	93.9
GE 900	73.5	77.7	82.1	85.4	89.2	90.3	92.0	92.8	93.0	93.8	94.2	94.2	94.4	94.5	94.5	94.6
GE 800	73.5	77.8	82.2	85.6	89.5	90.6	92.4	93.4	93.6	94.5	95.0	95.1	95.3	95.3	95.4	95.5
GE 700	73.5	77.8	82.3	85.7	89.8	91.0	93.0	94.0	94.3	95.3	95.9	96.0	96.3	96.3	96.4	96.4
GE 600	73.5	77.9	82.3	85.7	89.9	91.2	93.3	94.5	94.8	96.1	96.8	96.9	97.2	97.3	97.3	97.4
GE 500	73.5	77.9	82.3	85.8	90.0	91.3	93.6	94.8	95.2	96.7	97.5	97.6	98.1	98.1	98.2	98.3
GE 400	73.5	77.9	82.3	85.8	90.0	91.3	93.7	95.0	95.4	97.0	98.0	98.2	98.7	98.8	98.9	99.1
GE 300	73.5	77.9	82.3	85.8	90.0	91.3	93.7	95.0	95.4	97.1	98.2	98.4	99.0	99.1	99.3	99.5
GE 200	73.5	77.9	82.3	85.8	90.0	91.3	93.7	95.0	95.4	97.2	98.3	98.5	99.2	99.3	99.6	99.8
GE 100	73.5	77.9	82.3	85.8	90.0	91.3	93.7	95.0	95.4	97.2	98.3	98.5	99.2	99.4	99.6	99.9
GE 000	73.5	77.9	82.3	85.8	90.0	91.3	93.7	95.0	95.4	97.2	98.3	98.5	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 41507

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	21.1	26.7	14.4	33.3	4.4	52.2	5.6	90
03-05								0
06-08	6.0	27.3	28.5	34.5	3.7	66.7	7.1	267
09-11	5.3	27.5	23.6	37.8	5.7	67.2	8.5	804
12-14	4.7	27.8	27.4	34.5	5.5	67.5	9.1	802
15-17	6.1	30.6	23.9	34.5	4.8	63.2	8.4	669
18-20	11.5	33.6	18.8	32.8	3.3	54.9	7.3	399
21-23	21.3	25.9	16.5	33.1	3.2	52.8	4.8	375
ALL HOURS	8.0	28.0	23.0	34.0	4.0	63.0	7.0	3406

MONTH: FEB HOURS: ALL

00-02	26.7	24.4	13.3	30.0	5.6	48.9	4.4	90
03-05								0
06-08	6.5	22.0	26.5	37.6	7.3	71.4	10.2	245
09-11	4.9	22.0	27.8	38.2	7.1	73.1	10.4	733
12-14	6.7	23.8	23.7	41.1	4.7	69.5	8.6	730
15-17	6.7	24.8	22.9	40.7	4.9	68.5	7.0	616
18-20	10.0	27.2	20.1	40.6	2.1	62.8	5.3	379
21-23	19.4	26.0	13.1	36.9	4.6	54.6	3.7	350
ALL HOURS	8.7	24.1	22.8	39.2	5.2	67.2	7.8	3143

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	33.7	17.8	10.9	35.6	2.0	48.5	4.0	101
03-05								0
06-08	9.7	28.4	21.1	35.6	5.2	61.9	6.9	289
09-11	7.6	28.2	23.7	35.9	4.6	64.1	6.5	878
12-14	7.7	25.9	26.2	37.4	2.8	66.4	7.0	882
15-17	8.7	27.3	25.1	37.3	1.6	63.9	7.0	746
18-20	13.7	30.2	21.1	33.8	1.1	56.0	5.3	473
21-23	25.4	21.4	19.4	33.0	.9	53.2	3.8	449
ALL HOURS	11.0	26.0	23.0	35.0	2.0	61.0	6.0	3818

MONTH: APR HOURS: ALL

00-02	14.3	28.6	24.5	32.7		57.1	2.0	49
03-05								0
06-08	9.6	27.5	21.8	38.2	2.9	62.9	8.3	385
09-11	6.8	28.6	23.6	39.6	1.4	64.6	6.6	836
12-14	6.8	27.3	24.1	40.9	.9	65.9	4.0	823
15-17	5.8	28.0	27.4	37.8	.9	66.1	3.0	667
18-20	7.4	31.7	26.1	34.8		60.9	3.3	460
21-23	16.9	29.3	21.8	31.7	.2	53.8	2.8	426
ALL HOURS	8.3	28.6	24.3	37.8	1.0	63.1	4.6	3646

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	9.5	26.5	22.0	37.8	4.2	64.0	13.5	550
09-11	5.5	30.6	24.6	37.5	1.8	63.9	9.4	821
12-14	3.2	33.0	24.0	39.1	.7	63.8	5.4	816
15-17	3.7	27.5	31.6	36.8	.4	68.8	4.6	570
18-20	3.8	32.5	22.6	40.5	.7	63.8	6.1	425
21-23	10.6	33.3	18.2	37.0	.8	56.0	9.0	357
ALL HOURS	5.0	30.0	24.0	38.0	1.0	63.0	7.0	3539

MONTH: JUN HOURS: ALL

00-02				100.0		100.0		1
03-05								0
06-08	10.4	33.2	24.1	28.1	4.2	56.4	17.5	548
09-11	5.5	40.5	24.2	28.3	1.6	54.1	10.7	823
12-14	2.9	39.9	28.9	27.9	.4	57.2	5.4	817
15-17	4.0	36.9	30.9	28.0	.2	59.1	4.0	553
18-20	6.8	32.4	30.9	29.7	.2	60.8	3.6	411
21-23	18.2	31.8	22.6	27.1	.3	50.0	5.6	340
ALL HOURS	6.8	36.8	27.0	28.2	1.2	56.4	8.1	3493

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02		66.7	33.3			33.3		3
03-05								0
06-08	8.5	36.0	23.5	27.0	5.0	55.5	21.1	544
09-11	6.0	37.5	25.5	29.3	1.6	56.5	15.0	811
12-14	1.4	39.4	34.4	24.0	.7	59.2	8.7	807
15-17	.7	40.2	33.0	26.1		59.1	7.5	545
18-20	2.0	40.4	30.7	26.9		57.6	8.4	394
21-23	15.4	34.0	22.5	28.1		50.6	13.0	338
ALL HOURS	4.0	38.0	28.0	26.0	1.0	56.0	12.0	3442

MONTH: AUG HOURS: ALL

00-02								0
03-05								0
06-08	10.4	29.7	24.4	33.2	2.2	59.8	25.1	585
09-11	5.0	35.0	29.0	30.4	.6	60.0	15.3	878
12-14	.3	40.7	32.3	26.6		59.0	8.9	875
15-17	.8	38.6	33.2	27.2	.2	60.6	7.7	599
18-20	3.7	38.2	28.8	28.8	.4	58.0	9.2	455
21-23	20.2	39.5	17.8	22.0	.5	40.3	12.2	377
ALL HOURS	5.5	36.9	28.6	28.4	.6	57.6	13.1	3769

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	11.8	34.4	19.5	29.8	4.6	53.9	19.5	544
09-11	7.4	38.0	21.0	32.6	1.0	54.6	14.1	815
12-14	3.3	38.8	28.5	28.8	.6	57.9	7.8	810
15-17	3.2	39.7	30.6	26.2	.4	57.1	5.3	562
18-20	14.2	34.4	28.6	21.9	.9	51.4	7.2	430
21-23	25.5	31.0	19.7	22.2	1.7	43.5	17.5	361
ALL HOURS	9.0	36.0	24.0	27.0	1.0	54.0	11.0	3522

MONTH: OCT HOURS: ALL

00-02	30.8	30.8		30.8	7.7	38.5		13
03-05								0
06-08	8.7	29.0	27.9	29.8	4.6	62.3	11.0	517
09-11	8.7	29.7	28.6	31.2	1.8	61.6	10.3	829
12-14	8.8	30.3	31.2	29.0	.7	60.9	6.5	828
15-17	8.8	34.2	29.0	27.4	.5	57.0	5.1	565
18-20	16.3	34.8	20.0	29.0		49.0	4.8	400
21-23	24.8	32.3	14.4	27.1	1.4	42.9	4.6	347
ALL HOURS	11.3	31.3	26.7	29.2	1.5	57.4	7.4	3499

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - AR 89
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	15.4	26.9	20.5	33.3	3.8	57.7	14.1	78
03-05								0
06-08	7.9	25.0	22.2	40.1	4.8	67.1	9.5	252
09-11	5.7	26.5	25.5	39.4	2.9	67.9	10.4	756
12-14	5.4	26.0	27.7	39.0	1.8	68.6	9.1	757
15-17	4.9	24.9	29.5	39.9	.8	70.2	9.7	627
18-20	8.5	24.4	31.0	34.8	1.4	67.1	10.7	365
21-23	16.4	19.6	25.8	36.1	2.1	63.9	9.7	341
ALL HOURS	7.0	24.0	27.0	38.0	2.0	67.0	9.0	3176

MONTH: DEC HOURS: ALL

00-02	11.3	22.6	14.5	48.4	3.2	66.1	12.9	62
03-05								0
06-08	3.8	22.3	31.1	38.6	4.2	73.9	9.1	264
09-11	4.0	22.5	28.8	41.1	3.5	73.5	9.1	791
12-14	5.3	24.6	27.6	40.0	2.5	70.1	9.5	775
15-17	5.3	24.9	27.2	40.9	1.7	69.8	9.6	606
18-20	11.0	25.3	20.0	41.7	2.0	63.7	11.0	300
21-23	16.3	21.7	19.0	39.5	3.5	62.0	6.2	258
ALL HOURS	6.4	23.7	26.4	40.6	2.8	69.8	9.3	3056

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	22.0	24.4	15.2	34.9	3.5	53.6	6.8	487
03-05								0
06-08	9.1	29.5	24.0	33.2	4.2	61.4	14.8	4990
09-11	6.1	30.7	25.5	35.0	2.8	63.3	10.5	9775
12-14	4.7	31.6	28.1	33.9	1.7	63.7	7.5	9722
15-17	5.0	31.2	28.5	33.9	1.4	63.8	6.6	7325
18-20	9.0	32.3	25.0	32.7	1.0	58.6	6.7	4891
21-23	19.4	28.9	19.2	31.0	1.5	51.7	7.6	4319
ALL HOURS	7.8	30.8	25.6	33.6	2.1	61.4	8.8	41509

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, WET BULB TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).
CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: +05

PERIOD OF RECORD: 7809-8904
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 100							3.3	.3	.3				.3
GE 95					1.2	3.2	10.7	4.8	1.7				1.8
GE 90				.4	6.1	18.2	38.2	20.8	5.4				7.2
GE 85				1.8	13.9	37.2	66.5	49.8	15.1	.7			15.1
GE 80			.7	5.0	29.9	59.5	86.4	78.5	32.8	3.9	.4		24.3
GE 75		.4	2.7	15.4	43.0	77.7	95.2	89.1	52.8	11.8	1.1		31.9
GE 70		1.2	8.4	25.1	63.1	88.7	99.6	96.2	76.9	26.0	4.0	.3	40.2
GE 65		2.0	12.1	39.1	79.9	96.8	100.0	99.0	92.6	44.4	11.2	1.0	47.6
GE 60		2.9	21.8	55.9	91.0	99.6		100.0	97.7	62.2	24.5	3.1	54.4
GE 55	.7	6.9	34.6	71.0	97.1	100.0			99.7	84.2	42.4	5.9	61.5
GE 50	4.7	14.7	46.3	84.9	99.6				99.7	95.7	64.7	17.6	68.8
GE 45	11.8	29.4	64.4	93.9	100.0				100.0	99.7	79.5	31.1	75.6
GE 40	28.3	47.3	82.2	98.2						100.0	91.0	57.8	83.6
GE 35	51.2	71.8	93.3	99.3							98.9	77.5	90.9
GE 33	58.2	79.6	95.0	99.3							99.3	82.0	92.7
GE 30	68.4	89.0	97.3	100.0							99.3	90.0	95.2
GE 25	85.5	95.1	99.7								100.0	96.2	98.0
GE 20	93.6	99.2	100.0									99.0	99.3
GE 15	98.3	100.0										100.0	99.9
GE 10	99.0												99.9
GE 5	99.7												100.0
GE 0	100.0												100.0
MEAN	34.1	39.9	50.2	61.5	73.2	81.0	86.9	83.8	75.7	63.5	52.6	40.9	61.7
SD	9.43	9.75	11.89	11.38	9.96	8.47	6.71	6.90	8.40	8.81	9.31	9.07	19.85
TOTAL OBS	297	245	298	279	244	247	272	293	299	304	278	289	3345

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: +05

PERIOD OF RECORD: 7809-8904
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80							1.5						.1
GE 75					.8	.8	14.0	6.8					1.9
GE 70				.7	1.6	19.8	52.2	33.4	4.3				9.2
GE 65				1.1	8.6	46.6	82.7	67.6	23.1	2.0			19.0
GE 60			.3	3.9	31.1	73.7	96.0	89.1	43.1	8.2	.4		28.3
GE 55			3.4	11.8	56.6	95.5	100.0	98.3	67.6	18.1	2.2	1.0	37.2
GE 50		1.6	6.7	30.8	79.5	99.2		99.3	86.6	36.8	10.1	1.4	45.3
GE 45		3.7	15.4	59.5	93.4	100.0		100.0	96.3	56.3	25.9	2.8	53.8
GE 40	1.0	10.6	29.9	81.0	100.0				99.7	78.9	47.5	11.4	62.9
GE 35	8.8	19.6	53.0	92.1					100.0	94.1	73.7	29.8	72.4
GE 33	17.5	29.4	64.1	94.3						97.4	84.9	39.4	77.1
GE 30	30.0	40.8	74.2	98.6						99.3	91.4	54.0	82.3
GE 25	48.5	61.2	88.9	99.6						100.0	98.6	74.7	89.3
GE 20	66.3	82.0	96.6	99.6							100.0	88.2	94.3
GE 15	79.8	92.7	98.3	100.0								93.1	96.9
GE 10	90.2	97.1	99.7									98.3	98.7
GE 5	94.9	99.6	100.0									100.0	99.5
GE 0	98.0	100.0											99.8
GE 5	99.3												99.9
GE -10	100.0												100.0
MEAN	22.7	27.4	35.4	46.0	55.6	63.7	69.2	66.7	57.9	46.7	39.5	29.8	4.5
SD	9.93	9.01	9.16	7.85	7.05	5.79	4.94	5.48	7.39	8.35	7.52	8.83	17.14
TOTAL OBS	297	245	298	279	244	247	272	293	299	304	278	289	3345

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: +05

PERIOD OF RECORD: 7809-8904
MONTH: ALL HOURS: ALL

TEMP (DEG F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 90						.7							.1
GE 85					.4	2.0	11.0	4.1	.3				1.5
GE 80				.7	2.5	18.2	43.8	24.6	4.0				7.7
GE 75				1.1	11.9	41.3	76.8	59.0	15.7	1.0			16.9
GE 70			.3	3.9	27.0	66.4	93.8	84.6	35.8	4.6			25.9
GE 65			2.3	12.9	51.2	88.3	100.0	96.6	61.9	13.5	1.1	.3	35.0
GE 60		.4	6.4	28.0	73.0	97.2		99.7	86.3	28.6	3.2	1.0	43.0
GE 55		1.6	13.4	47.0	90.6	99.6		100.0	97.7	49.7	15.1	1.7	50.7
GE 50		5.3	25.5	69.5	98.0	100.0			99.3	76.6	35.3	3.8	59.0
GE 45	2.0	10.6	39.9	84.6	100.0				100.0	94.7	58.3	11.8	66.5
GE 40	9.4	24.5	63.1	94.6						99.3	80.9	32.9	75.2
GE 35	30.0	44.1	81.2	98.9						100.0	93.5	57.1	83.7
GE 33	40.7	56.3	85.9	98.9							95.0	67.8	87.0
GE 30	50.8	69.4	93.6	99.6							98.9	78.9	90.9
GE 25	69.0	85.7	97.3	100.0							99.6	90.3	95.1
GE 20	84.2	95.5	99.3								100.0	95.5	97.8
GE 15	92.9	100.0	100.0									99.3	99.3
GE 10	97.0											100.0	99.7
GE 5	99.3												99.9
GF 0	99.7												100.0
GE -5	100.0												100.0
MEAN	28.7	33.9	43.1	54.0	64.6	72.6	78.4	75.5	67.0	55.3	46.3	35.6	54.4
SD	9.13	8.77	9.95	9.11	7.74	6.64	5.27	5.62	6.98	7.57	7.66	8.41	18.19
TOTAL OBS	297	245	298	279	244	247	272	293	299	304	278	289	3345

OPERATING LOCATION: 'A'
 OBSERVING AGENCY: ARMY

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN CAMP/MIIR AAF PA
 ELEV TO BELL: 405

PERIOD OF RECORD: 1959-1994
 MONTH: ALL HOURS: ALL

CLER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
72									89	76	71*	62*	82*
73	55		76				92*	94	94	89*	70	64*	94*
74	57*	57*		79	91*	95	100*	97	94	79*	61*	67*	100*
75	50*	72*	75	79	87*	97*	96*	92	90	76*	70*	53*	97*
76	68*	55*	65	77	90*	89	95*	91	89	80	82*	72*	95*
77	58	54*	65	88	85	92	99	98	100	85*	66*	54*	100*
78	55*	66	57	78	89	97*	94*	91	84*	81*	64*	60*	97*
79	65	77*	75	91	89*	89*	95	95	97	78	72*	55*	97*
80	55*	56	76	85	95	95	100	88	91	85	65	55*	100*
81	52*	69	76	82	95	96	101	98	85	72	75*	55	100*
82	52*	55*	80*	79*	92*	97	105	100	85	79	65	60*	105*
83	52	68	85	79									85*
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RE: GREATEST VALUE OF 105 OCCURRED ON 07/07/88

NOTE: *THE VALUE IS BASED ON 6 MONTHS WITH LESS THAN 50% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: +05

PERIOD OF RECORD: 7809-8904
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
78									40	32	24*	20*	20*
79	5		20				56*	52	43	34*	25	19*	5*
80	16*	13*		32	42*	49	58*	64	49	32*	27*	8*	8*
81	-4*	8*	20	32	43*	58*	61*	58	47	30*	28*	7*	-4*
82	-10*	15*	21	19	48*	51	59*	52	45	30	26*	13*	-10*
83	12	2*	23	32	42	55	59	56	39	32*	31*	9*	2*
84	-9*	9	8	37	44	51*	59*	57	42*	39*	26*	19*	-9*
85	-5	10*	24	28	43*	50*	59	57	45	37	33*	7*	-5*
86	8*	13	10	35	40	49	61	48	43	33	20	12*	8*
87	1*	20	17	32	40	54	60	52	43	31	21*	13	1*
88	-1*	7*	24*	34*	44*	50	59	58	43	27	27	5*	-1*
89	12	13	12	32									12*
LEAST	-10	2	8	19	40	49	56	48	39	27	20	5	-10
TOTAL OBS	297	245	298	279	244	247	272	293	299	304	278	289	3345

THE LEAST VALUE OF -10 OCCURRED ON 01/17/82

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: +05

PERIOD OF RECORD: 7809-8904
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
78									68	55	47*	37*	52*
79	28		47				76*	75	67	55*	49	37*	54*
80	33*	32*		57	68*	72	79*	79	71	54*	44*	35*	57*
81	26*	38*	42	56	64*	73*	78*	74	66	54*	46*	34*	54*
82	23*	32*	41	52	67*	69	78*	73	66	56	49*	39*	54*
83	33	34*	44	52	61	73	79	77	69	57*	46*	33*	55*
84	27*	37	36	53	61	74*	75*	76	64*	62*	44*	39*	54*
85	27	36*	45	58	64*	69*	76	74	68	57	48*	31*	55*
86	29*	31	42	54	67	73	78	73	67	57	43	36*	55*
87	30*	35	48	55	65	75	81	75	67	51	46*	38	56*
88	25*	33*	45*	52*	65*	74	81	79	65	51	47	33*	55*
89	35	32	41	52									40*
MEAN	28.7	33.9	43.1	54.0	64.6	72.6	78.4	75.5	67.0	55.3	46.3	35.6	54.4
TOTAL OBS.	297	245	298	279	244	247	272	293	299	304	278	289	3345

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	25.4	9.452	90	0	65	0	0	0	90
03-05	.0	.000	0	0	0	0	0	0	0
06-08	23.8	10.410	267	8	206	0	0	0	267
09-11	27.4	9.621	804	7	527	0	0	0	804
12-14	32.2	9.318	802	3	374	0	0	0	802
15-17	32.7	9.458	669	2	302	0	0	0	669
18-20	28.7	9.173	399	0	254	0	0	0	399
21-23	26.0	9.123	375	0	276	0	0	0	375
ALL HOURS	29.2	9.912	3406	20	2004	0	0	0	3406

MONTH: FEB

00-02	29.6	7.916	90	0	59	0	0	0	90
03-05	.0	.000	0	0	0	0	0	0	0
06-08	28.6	9.670	245	0	157	0	0	0	245
09-11	32.5	9.277	733	0	368	0	0	0	733
12-14	37.4	9.272	730	0	220	6	0	0	730
15-17	38.6	9.365	616	0	163	12	0	0	616
18-20	34.6	8.109	379	0	153	0	0	0	379
21-23	31.7	8.216	350	0	200	0	0	0	350
ALL HOURS	34.6	9.609	3143	0	1320	18	0	0	3143

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144 STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 5 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	38.0	11.375	101	0	30	2	0	0	101
03-05	.0	.000	0	0	0	0	0	0	0
06-08	36.3	9.427	289	0	96	2	0	0	289
09-11	41.2	10.208	878	0	162	20	0	0	878
12-14	46.3	11.018	882	0	81	62	1	0	882
15-17	48.2	11.579	746	0	44	74	3	0	746
18-20	44.2	11.593	473	0	60	34	1	0	473
21-23	39.9	10.738	449	0	109	10	0	0	449
ALL HOURS	43.5	11.473	3818	0	582	204	5	0	3818

MONTH: APR

00-02	45.5	9.087	49	0	3	2	0	0	49
03-05	.0	.000	0	0	0	0	0	0	0
06-08	48.1	7.983	385	0	12	7	0	0	385
09-11	53.1	9.696	836	0	13	105	3	0	836
12-14	58.6	10.966	823	0	4	249	27	0	823
15-17	60.4	11.324	667	0	2	245	28	0	667
18-20	56.2	9.881	460	0	1	95	4	0	460
21-23	50.6	8.304	426	0	6	20	0	0	426
ALL HOURS	55.1	10.877	3646	0	41	723	62	0	3646

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	58.0	7.181	550	0	0	98	1	0	550
09-11	65.0	8.442	821	0	0	415	47	0	821
12-14	70.5	9.795	816	0	0	583	162	7	816
15-17	70.9	10.164	570	0	0	408	129	2	570
18-20	65.3	8.747	425	0	0	214	33	0	425
21-23	60.0	7.650	357	0	0	105	0	0	357
ALL HOURS	65.7	9.988	3539	0	0	1823	372	9	3539

MONTH: JUN

00-02	70.0	.000	1	0	0	1	0	0	1
03-05	.0	.000	0	0	0	0	0	0	0
06-08	66.0	6.206	548	0	0	325	5	0	548
09-11	73.1	7.482	823	0	0	716	171	0	823
12-14	78.4	8.520	817	0	0	761	397	24	817
15-17	79.3	8.676	553	0	0	520	285	25	553
18-20	73.4	7.930	411	0	0	353	99	1	411
21-23	66.9	6.765	340	0	0	216	8	0	340
ALL HOURS	73.6	9.178	3493	0	0	2892	965	50	3493

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144 STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 5 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	70.3	3.055	3	0	0	3	0	0	3
03-05	70.0	3.000	0	0	0	0	0	0	0
06-08	71.5	5.320	544	0	0	489	36	0	544
09-11	78.9	6.396	811	0	0	803	381	12	811
12-14	84.5	6.977	807	0	0	807	625	94	807
15-17	84.7	7.626	545	0	0	542	418	77	545
18-20	78.6	7.264	394	0	0	385	175	12	394
21-23	72.9	5.858	338	0	0	310	48	0	338
ALL HOURS	79.5	8.269	3442	0	0	3339	1683	195	3442

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	70.0	3.000	0	0	0	0	0	0	0
03-05	70.0	3.000	0	0	0	0	0	0	0
06-08	68.9	5.547	584	0	0	460	7	0	584
09-11	75.8	6.209	878	0	0	836	260	2	878
12-14	84.4	6.973	875	0	0	859	582	38	875
15-17	84.0	7.260	599	0	0	593	398	39	599
18-20	77.4	6.949	455	0	0	432	134	2	455
21-23	66.5	6.189	377	0	0	300	18	0	377
ALL HOURS	76.3	8.248	3768	0	0	3480	1399	81	3768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURE: DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	60.4	7.393	544	0	0	175	0	0	544
09-11	67.8	7.388	815	0	0	545	57	1	815
12-14	73.6	8.307	810	0	0	710	191	15	810
15-17	73.5	8.263	562	0	0	494	140	10	562
18-20	66.4	7.578	430	0	0	250	16	0	430
21-23	61.5	7.313	361	0	0	140	3	0	361
ALL HOURS	68.1	9.254	3522	0	0	2314	407	26	3522

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURE: DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	43.3	6.644	13	0	0	0	0	0	13
03-05	.0	.000	0	0	0	0	0	0	0
06-08	49.3	8.539	517	0	8	21	0	0	517
09-11	55.7	8.102	829	0	0	123	0	0	829
12-14	61.3	8.746	828	0	0	297	19	0	828
15-17	61.4	8.911	565	0	0	214	12	0	565
18-20	54.4	8.093	400	0	0	45	0	0	400
21-23	49.9	8.096	347	0	0	19	0	0	347
ALL HOURS	56.2	9.708	3499	0	8	719	31	0	3499

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144 STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 5 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	41.4	8.215	78	0	8	0	0	0	78
03-05	41.0	8.000	0	0	0	0	0	0	0
06-08	41.1	8.089	252	0	29	2	0	0	252
09-11	45.4	7.958	756	0	34	9	0	0	756
12-14	50.4	8.951	757	0	10	42	1	0	757
15-17	50.2	9.103	627	0	15	41	2	0	627
18-20	44.7	7.932	365	0	24	0	0	0	365
21-23	42.1	8.215	341	0	37	0	0	0	341
All HOURS	46.7	9.105	3176	0	157	94	3	0	3176

MONTH: DEC

00-02	33.6	7.839	62	0	24	0	0	0	62
03-05	41.0	8.000	0	0	0	0	0	0	0
06-08	31.1	9.426	264	0	141	0	0	0	264
09-11	34.6	8.788	791	0	300	0	0	0	791
12-14	38.8	8.900	775	0	180	5	0	0	775
15-17	39.2	8.889	606	0	134	7	0	0	606
18-20	35.6	7.878	300	0	88	0	0	0	300
21-23	33.7	7.904	258	0	97	0	0	0	258
All HOURS	36.3	9.124	3056	0	964	12	0	0	3056

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144 STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 5 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	35.3	11.677	487	0	189	8	0	0	487
03-05	.0	.000	0	0	0	0	0	0	0
06-08	53.4	16.722	4989	8	649	1579	49	0	4989
09-11	54.6	19.099	9775	7	1404	3572	919	15	9775
12-14	59.8	19.712	9722	3	869	4381	2005	178	9722
15-17	59.1	19.706	7325	2	660	3150	1415	153	7325
18-20	55.6	18.359	4891	0	580	1808	462	15	4891
21-23	50.4	16.998	4319	0	725	1120	77	0	4319
ALL HOURS	55.9	19.106	41508	20	5076	15618	4927	361	41508

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	23.2	9.008	90	74	0	0	0	0	90
03-05	.0	.000	0	0	0	0	0	0	0
06-08	22.0	10.008	266	232	0	0	0	0	266
09-11	24.9	9.147	798	623	0	0	0	0	798
12-14	28.8	8.322	795	511	0	0	0	0	795
15-17	29.2	8.234	665	422	0	0	0	0	665
18-20	25.8	8.444	396	294	0	0	0	0	396
21-23	23.7	8.659	373	308	0	0	0	0	373
ALL HOURS	26.4	9.075	3383	2464	0	0	0	0	3383

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	27.1	7.948	90	71	0	0	0	0	90
03-05	.0	.000	0	0	0	0	0	0	0
06-08	26.5	9.859	245	178	3	0	0	0	245
09-11	29.7	9.140	732	452	22	0	0	0	732
12-14	33.4	8.634	730	352	41	0	0	0	730
15-17	34.1	8.481	616	287	42	0	0	0	616
18-20	30.9	7.780	379	247	11	0	0	0	379
21-23	28.8	8.308	350	260	7	0	0	0	350
ALL HOURS	31.1	9.005	3142	1847	126	0	0	0	3142

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144 STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 5 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	33.7	10.666	101	53	10	0	0	0	101
03-05	.0	.000	0	0	0	0	0	0	0
06-08	33.2	9.104	289	136	17	0	0	0	289
09-11	35.8	9.173	878	281	86	0	0	0	878
12-14	40.5	9.187	882	164	149	3	0	0	882
15-17	41.7	9.264	746	121	156	2	0	0	746
18-20	38.4	9.819	472	141	70	0	0	0	472
21-23	35.4	9.872	449	188	38	0	0	0	449
ALL HOURS	38.3	9.797	3817	1084	526	5	0	0	3817

MONTH: APR

00-02	40.0	7.659	49	9	4	0	0	0	49
03-05	.0	.000	0	0	0	0	0	0	0
06-08	43.8	7.572	380	21	84	0	0	0	380
09-11	47.0	8.070	828	30	303	12	2	0	828
12-14	50.4	8.197	816	13	443	25	9	0	816
15-17	51.1	8.073	660	8	371	25	4	0	660
18-20	48.1	7.342	454	6	184	2	0	0	454
21-23	44.3	7.062	422	21	96	0	0	0	422
ALL HOURS	47.9	8.340	3609	108	1485	64	15	0	3609

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144 STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 5 MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	53.7	7.367	548	0	372	18	0	0	548
09-11	58.0	7.351	818	0	712	109	20	0	818
12-14	60.8	7.506	812	0	763	189	55	6	812
15-17	60.8	7.312	569	0	529	143	27	1	569
18-20	57.7	7.315	424	0	359	52	4	0	424
21-23	54.5	7.592	357	0	254	16	0	0	357
ALL HOURS	58.1	7.857	3528	0	2989	527	106	7	3528

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	66.0	.000	1	0	1	0	0	0	1
03-05	.0	.000	0	0	0	0	0	0	0
06-08	61.3	6.407	548	0	532	136	13	0	548
09-11	65.1	6.462	823	0	820	372	101	2	823
12-14	67.3	6.485	817	0	817	455	197	14	817
15-17	67.4	6.554	553	0	553	326	134	12	553
18-20	64.3	6.486	411	0	407	169	34	0	411
21-23	60.8	6.746	340	0	318	91	1	0	340
ALL HOURS	64.9	6.952	3493	0	3448	1549	480	28	3493

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144 STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 5 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	64.3	2.972	3	0	3	1	0	0	3
03-05	.0	.000	0	0	0	0	0	0	0
06-08	66.5	5.262	544	0	544	309	54	1	544
09-11	70.0	5.132	811	0	811	614	276	11	811
12-14	72.2	5.349	804	0	804	674	417	42	804
15-17	71.9	5.097	542	0	542	454	263	27	542
18-20	69.1	4.814	393	0	393	288	97	2	393
21-23	66.6	5.093	338	0	338	182	31	0	338
ALL HOURS	69.8	5.559	3435	0	3435	2522	1138	83	3435

MONTH: AUG

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	65.3	5.705	584	0	580	275	52	0	584
09-11	68.8	5.364	878	0	878	594	227	8	878
12-14	71.1	5.367	875	0	875	705	371	36	875
15-17	71.2	5.562	599	0	599	490	255	29	599
18-20	68.1	6.002	455	0	451	293	108	2	455
21-23	64.6	6.348	376	0	370	154	32	0	376
ALL HOURS	68.7	6.127	3767	0	3753	2511	1045	75	3767

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144 STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 5 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	57.4	7.567	544	0	455	69	5	0	544
09-11	61.6	6.921	815	0	782	227	38	3	815
12-14	64.3	6.829	810	0	799	315	96	6	810
15-17	64.1	7.006	562	0	550	201	73	7	562
18-20	60.5	7.537	430	0	395	102	16	3	430
21-23	57.9	7.535	361	0	303	52	3	0	361
ALL HOURS	61.5	7.657	3522	0	3284	966	231	19	3522

MONTH: OCT

00-02	40.5	6.978	13	2	2	0	0	0	13
03-05	.0	.000	0	0	0	0	0	0	0
06-08	46.5	8.812	517	18	185	4	0	0	517
09-11	50.5	8.157	829	0	421	23	6	0	829
12-14	53.7	8.025	828	0	537	58	7	0	828
15-17	53.5	8.083	565	0	353	40	4	0	565
18-20	49.1	8.312	399	0	185	15	0	0	399
21-23	46.1	8.151	247	3	121	3	0	0	247
ALL HOURS	50.5	8.740	3498	23	1804	143	19	0	3498

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	38.9	8.146	78	16	8	0	0	0	78
03-05	.0	.000	0	0	0	0	0	0	0
06-08	38.6	8.106	252	55	27	0	0	0	252
09-11	41.5	7.612	756	64	113	0	0	0	756
12-14	44.8	7.810	757	34	200	2	0	0	757
15-17	44.7	7.891	627	34	179	0	0	0	627
18-20	41.0	7.722	365	39	58	0	0	0	365
21-23	39.2	8.117	341	64	40	0	0	0	341
ALL HOURS	42.3	8.177	3176	306	625	2	0	0	3176

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	31.3	7.674	62	36	0	0	0	0	62
03-05	.0	.000	0	0	0	0	0	0	0
06-08	29.0	9.299	264	171	5	0	0	0	264
09-11	31.8	8.553	791	433	20	0	0	0	791
12-14	34.7	8.233	775	284	31	2	0	0	775
15-17	35.1	8.204	606	213	24	0	0	0	606
18-20	32.7	7.987	300	144	3	0	0	0	300
21-23	31.0	7.910	258	144	0	0	0	0	258
ALL HOURS	33.0	8.574	3056	1425	83	2	0	0	3056

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144 STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 5 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	32.1	10.923	487	261	28	1	0	0	487
03-05	30.0	10.000	0	0	0	0	0	0	0
06-08	49.9	16.049	4981	811	2804	811	124	1	4981
09-11	49.2	17.058	9757	1883	4968	1951	670	24	9757
12-14	52.2	16.554	9701	1358	5459	2428	1154	104	9701
15-17	51.2	16.349	7310	1085	3898	1681	760	76	7310
18-20	49.5	16.227	4878	871	2516	921	259	7	4878
21-23	46.1	15.975	4312	988	1885	498	67	0	4312
ALL HOURS	49.8	16.634	41426	7257	21558	8291	3034	212	41426

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	17.5	11.050	90	70	1	90	0	90
03-05	.0	.000	0	0	0	0	0	0
06-08	16.7	12.014	266	216	5	266	0	266
09-11	19.0	11.251	798	596	23	798	0	798
12-14	22.0	9.950	795	549	42	795	0	795
15-17	22.3	9.606	665	456	41	665	0	665
18-20	19.4	10.151	396	300	14	396	0	396
21-23	17.6	10.682	373	297	5	373	0	373
ALL HOURS	20.0	10.709	3383	2484	131	3383	0	3383

MONTH: FEB

00-02	21.1	10.498	90	65	8	90	0	730
03-05	.0	.000	0	0	0	0	0	730
06-08	21.2	12.628	245	162	29	245	0	730
09-11	23.7	11.914	732	448	115	732	0	730
12-14	26.5	11.226	730	392	134	729	0	730
15-17	26.5	11.271	616	340	113	614	0	730
18-20	23.9	10.543	379	253	46	379	0	730
21-23	22.6	11.098	350	239	36	350	0	730
ALL HOURS	24.5	11.560	3142	1899	481	3139	0	3142

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144 STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 5 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	26.1	13.510	101	59	21	99	0	101
03-05	.0	.000	0	0	0	0	0	0
06-08	27.7	11.585	289	132	62	286	0	289
09-11	30.3	11.327	878	340	263	869	0	878
12-14	33.1	11.045	882	278	330	861	3	882
15-17	33.5	11.040	746	245	276	726	1	746
18-20	30.4	11.741	472	202	141	460	0	472
21-23	28.1	12.308	449	217	98	441	0	449
ALL HOURS	31.0	11.680	3817	1473	1191	3742	4	3817

MONTH: APR

00-02	32.9	9.457	49	10	16	49	0	816
03-05	.0	.000	0	0	0	0	0	816
06-08	38.9	9.503	380	34	219	361	0	816
09-11	40.8	9.710	828	62	544	775	11	816
12-14	43.0	9.814	816	40	613	739	14	816
15-17	42.7	9.950	660	34	470	590	7	816
18-20	40.1	9.542	454	49	289	431	1	816
21-23	37.2	9.487	422	63	218	410	0	816
ALL HOURS	40.8	9.952	3609	292	2369	3355	33	3609

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	49.9	9.439	548	6	499	375	20	548
09-11	52.7	9.482	818	1	777	462	83	818
12-14	54.1	9.675	812	0	779	419	110	812
15-17	53.7	9.625	569	0	540	277	69	569
18-20	51.8	9.863	424	0	386	235	29	424
21-23	49.7	10.099	357	1	310	230	17	357
ALL HOURS	52.3	9.801	3528	8	3291	1998	328	3528

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	64.0	.000	1	0	1	0	0	817
03-05	.0	.000	0	0	0	0	0	817
06-08	58.2	7.955	548	0	546	195	139	817
09-11	60.4	8.023	323	0	823	229	289	817
12-14	61.1	8.199	817	0	817	208	298	817
15-17	60.7	8.710	553	0	553	148	205	817
18-20	58.7	8.484	411	0	409	133	110	817
21-23	56.6	8.582	340	0	335	140	67	817
ALL HOURS	59.7	8.423	3493	0	3484	1053	1108	3493

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	61.0	5.148	3	0	3	1	0	3
03-05	.0	.000	0	0	0	0	0	0
06-08	63.7	6.447	544	0	544	75	296	544
09-11	65.5	6.751	811	0	811	78	493	811
12-14	66.3	7.258	804	0	804	75	515	804
15-17	65.6	7.116	542	0	542	49	319	542
18-20	64.2	6.250	393	0	393	39	211	393
21-23	63.0	6.496	338	0	338	48	160	338
ALL HOURS	65.0	6.919	3435	0	3435	365	1994	3435

MONTH: AUG

00-02	.0	.000	0	0	0	0	0	875
03-05	.0	.000	0	0	0	0	0	875
06-08	63.2	6.683	584	0	584	80	286	875
09-11	65.1	6.455	878	0	878	69	520	875
12-14	66.0	6.817	875	0	875	70	542	875
15-17	65.9	7.271	599	0	599	49	376	875
18-20	64.2	7.432	455	0	450	50	259	875
21-23	61.6	7.883	376	0	372	79	156	875
ALL HOURS	64.7	7.147	3767	0	3758	397	2139	3767

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	55.1	8.533	544	0	540	281	88	544
09-11	57.5	8.446	815	0	811	324	204	815
12-14	58.6	8.598	810	0	806	281	240	810
15-17	58.2	8.990	562	0	555	207	153	562
18-20	56.5	9.216	430	0	424	193	95	430
21-23	55.2	8.957	361	0	352	176	66	361
ALL HOURS	57.1	8.864	3522	0	3488	1462	846	3522

MONTH: OCT

00-02	36.8	8.844	13	2	6	13	0	828
03-05	.0	.000	0	0	0	0	0	828
06-08	43.5	10.304	517	16	374	445	10	828
09-11	45.6	10.087	829	13	667	671	24	828
12-14	47.1	10.012	828	6	714	642	43	828
15-17	46.6	10.298	565	4	456	453	33	828
18-20	43.8	10.504	399	12	278	347	18	828
21-23	41.8	9.848	347	14	229	320	4	828
ALL HOURS	45.2	10.340	3498	67	2724	2891	132	3498

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144 STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 5 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	35.5	9.352	78	14	32	76	0	78
03-05	.0	.000	0	0	0	0	0	0
06-08	35.2	9.667	252	46	103	245	1	252
09-11	36.8	9.301	756	95	361	734	0	756
12-14	38.7	9.293	757	52	415	717	1	757
15-17	38.5	9.410	627	55	344	602	0	627
18-20	36.3	9.284	365	61	159	352	0	365
21-23	35.3	9.540	341	69	138	331	0	341
ALL HOURS	37.2	9.486	3176	392	1552	3057	2	3176

MONTH: DEC

00-02	27.0	9.390	62	31	8	62	0	775
03-05	.0	.000	0	0	0	0	0	775
06-08	24.5	11.436	264	157	36	263	0	775
09-11	26.5	10.744	791	418	132	785	0	775
12-14	28.2	10.426	775	354	155	769	2	775
15-17	28.5	10.547	606	268	136	602	0	775
18-20	27.3	10.873	300	137	58	300	0	775
21-23	26.0	10.554	258	128	32	258	0	775
ALL HOURS	27.2	10.751	3056	1493	557	3039	2	3056

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	26.5	12.933	487	251	96	480	0	487
03-05	.0	.000	0	0	0	0	0	0
06-08	46.4	17.732	4981	769	3541	3117	840	4981
09-11	44.0	18.533	9757	1973	6205	6526	1624	9757
12-14	45.7	17.854	9701	1671	6484	6305	1768	9701
15-17	44.3	17.723	7310	1402	4625	4982	1163	7310
18-20	43.7	17.929	4878	1014	3047	3315	723	4878
21-23	41.1	17.973	4312	1028	2463	3156	470	4312
ALL HOURS	44.2	18.111	41426	8108	26461	27881	6588	41426

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	98.9	90.0	74.4	52.2	25.6	11.1	70.2	90
03-05										.0	0
06-08	100.0	100.0	100.0	99.2	94.0	77.4	58.6	36.1	16.2	73.0	266
09-11	100.0	100.0	99.9	99.2	88.8	71.3	48.1	27.7	13.0	69.5	798
12-14	100.0	100.0	99.5	96.5	82.3	58.9	38.5	20.9	11.3	65.5	795
15-17	100.0	100.0	99.8	96.4	80.3	58.3	35.3	21.8	10.8	64.9	665
18-20	100.0	100.0	100.0	97.2	88.4	66.4	42.4	21.0	9.1	66.8	396
21-23	100.0	100.0	99.5	97.6	89.5	72.9	49.1	22.0	9.7	68.8	373
ALL HOURS	100.0	100.0	99.8	97.6	86.1	66.0	43.7	24.1	11.6	68.8	3383

MONTH: FEB

00-02	100.0	100.0	100.0	97.8	86.7	71.1	47.8	25.6	14.4	69.1	90
03-05										.0	0
06-08	100.0	100.0	99.6	98.8	92.2	74.3	53.5	35.1	22.9	72.6	245
09-11	100.0	100.0	99.6	97.5	85.1	65.4	47.8	31.0	19.0	69.4	732
12-14	100.0	100.0	99.5	94.5	75.3	53.8	36.0	25.3	15.9	64.9	730
15-17	100.0	100.0	97.7	86.9	70.6	51.3	32.5	21.9	14.6	62.4	616
18-20	100.0	100.0	98.9	92.9	79.4	56.7	37.7	23.2	11.6	64.6	379
21-23	100.0	100.0	99.4	96.6	85.1	69.1	42.3	27.4	13.7	67.9	350
ALL HOURS	100.0	100.0	99.1	94.2	79.9	60.2	40.7	26.7	16.1	67.9	3142

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	97.0	91.1	79.2	55.4	30.7	14.9	6.9	61.8	101
03-05										.0	0
06-08	100.0	100.0	98.6	95.8	87.5	75.1	51.9	30.4	21.1	71.0	289
09-11	100.0	100.0	99.2	94.1	80.0	59.3	38.7	25.6	16.6	66.1	878
12-14	100.0	100.0	97.8	88.5	70.7	47.6	32.0	22.1	14.3	61.9	882
15-17	100.0	100.0	96.1	82.2	63.3	43.2	27.9	19.7	12.2	59.2	746
18-20	100.0	99.8	97.0	88.6	66.7	47.7	27.3	16.1	8.3	59.7	472
21-23	100.0	100.0	98.4	91.5	78.2	56.8	33.9	15.6	8.5	62.8	449
ALL HOURS	100.0	100.0	97.8	89.5	73.3	52.8	33.8	21.4	13.3	62.8	3817

MONTH: APR

00-02	100.0	100.0	98.0	91.8	73.5	53.1	32.7	22.4	8.2	63.0	49
03-05										.0	0
06-08	100.0	100.0	99.7	97.9	90.5	78.7	54.7	35.3	19.2	72.2	380
09-11	100.0	100.0	98.6	92.9	75.7	58.6	40.2	26.7	15.1	65.9	828
12-14	100.0	99.8	97.3	83.0	62.0	44.6	31.3	21.8	12.0	59.8	816
15-17	100.0	99.4	93.3	74.5	53.6	40.0	27.9	18.9	12.0	56.5	660
18-20	100.0	99.6	96.3	78.2	58.1	44.5	31.9	21.1	12.1	58.7	454
21-23	100.0	100.0	98.6	88.4	70.4	50.9	36.3	23.0	11.1	62.6	422
ALL HOURS	100.0	99.8	97.1	85.4	67.3	51.4	35.9	23.9	13.3	62.6	3609

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	98.4	94.5	83.4	65.7	45.1	27.4	76.2	548
09-11	100.0	100.0	99.5	94.4	80.1	61.0	43.6	29.2	15.3	66.8	818
12-14	100.0	100.0	96.9	83.1	62.7	45.6	29.7	17.7	11.7	59.4	812
15-17	100.0	100.0	96.3	78.2	57.6	42.5	29.0	20.9	11.6	58.3	569
18-20	100.0	100.0	98.3	90.3	73.3	56.1	38.9	27.4	17.7	64.9	424
21-23	100.0	100.0	100.0	97.2	86.6	70.0	49.3	34.5	22.1	70.8	357
ALL HOURS	100.0	100.0	98.4	89.6	74.5	58.3	41.5	28.0	16.7	70.8	3528

MONTH: JUN

00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		81.0	1
03-05										.0	0
06-08	100.0	100.0	100.0	99.8	97.1	88.5	70.1	45.4	26.1	77.2	548
09-11	100.0	100.0	100.0	97.7	87.0	64.4	37.8	20.9	9.6	66.1	823
12-14	100.0	100.0	98.8	88.9	63.9	37.5	22.3	12.2	7.1	57.7	817
15-17	100.0	100.0	97.8	81.7	57.0	34.5	22.4	12.7	6.9	55.7	553
18-20	100.0	100.0	99.3	92.7	75.7	52.1	29.9	17.0	11.7	62.3	411
21-23	100.0	100.0	100.0	100.0	93.2	74.1	49.7	31.2	13.5	70.9	340
ALL HOURS	100.0	100.0	99.3	93.1	77.7	56.7	37.0	22.0	11.8	70.9	3493

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	66.7	66.7	33.3	33.3	73.3	3
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	98.9	90.4	72.4	43.0	21.5	77.4	544
09-11	100.0	100.0	99.9	97.4	84.3	62.9	39.1	16.9	6.0	65.3	811
12-14	100.0	100.0	99.0	88.1	63.6	39.6	19.8	6.8	2.5	56.4	804
15-17	100.0	100.0	97.0	83.4	57.9	35.1	19.9	8.9	5.2	55.3	542
18-20	100.0	100.0	99.2	94.7	78.9	57.5	33.3	18.3	10.2	63.8	393
21-23	100.0	100.0	100.0	99.4	94.4	78.7	54.4	35.2	15.1	72.6	338
ALL HOURS	100.0	100.0	99.2	93.3	78.0	58.3	37.7	19.4	8.9	72.6	3435

MONTH: AUG

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	100.0	97.4	88.5	65.1	34.8	82.7	584
09-11	100.0	100.0	100.0	99.9	95.3	78.0	52.3	23.7	10.0	70.7	878
12-14	100.0	100.0	100.0	96.5	78.1	50.6	25.0	10.5	6.6	61.3	875
15-17	100.0	100.0	100.0	94.5	73.5	47.4	24.9	10.7	6.3	60.3	599
18-20	100.0	100.0	100.0	98.2	90.8	76.9	49.7	25.5	11.4	69.8	455
21-23	100.0	100.0	100.0	99.7	96.8	90.7	73.4	45.7	21.0	76.9	376
ALL HOURS	100.0	100.0	100.0	98.0	88.2	70.9	49.0	27.4	13.8	76.9	3767

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	99.8	96.5	87.7	65.4	39.9	83.6	544
09-11	100.0	100.0	100.0	99.6	93.7	76.1	51.5	29.1	15.3	70.9	815
12-14	100.0	100.0	99.9	95.9	75.1	47.4	27.7	15.7	7.8	61.4	810
15-17	100.0	100.0	100.0	92.9	71.0	48.4	26.2	16.4	9.6	61.0	562
18-20	100.0	100.0	100.0	99.3	93.7	79.3	57.0	29.1	15.1	71.8	430
21-23	100.0	100.0	100.0	99.2	98.1	92.2	79.5	58.4	32.4	80.7	361
ALL HOURS	100.0	100.0	100.0	97.7	87.2	70.3	51.1	32.6	18.2	80.7	3522

MONTH: OCT

00-02	100.0	100.0	100.0	100.0	100.0	92.3	76.9	46.2	30.8	78.4	13
03-05										.0	0
06-08	100.0	100.0	100.0	99.6	98.3	94.2	80.5	59.6	34.0	81.2	517
09-11	100.0	100.0	100.0	99.9	93.4	72.3	46.6	28.8	15.0	70.2	829
12-14	100.0	100.0	100.0	96.5	74.8	45.3	27.4	16.9	8.7	61.4	828
15-17	100.0	100.0	99.6	94.7	66.4	43.9	26.0	16.1	9.6	60.2	565
18-20	100.0	100.0	100.0	99.0	93.5	69.7	40.9	21.6	12.8	68.5	399
21-23	100.0	100.0	100.0	99.4	96.5	85.9	65.4	38.0	14.4	74.5	347
ALL HOURS	100.0	100.0	99.9	98.1	85.7	65.7	45.1	28.6	15.2	74.5	3498

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	97.4	92.3	78.2	52.6	30.8	80.1	78
03-05										.0	0
06-08	100.0	100.0	100.0	99.6	97.2	91.3	78.2	56.3	31.0	80.0	252
09-11	100.0	100.0	100.0	99.5	94.4	78.0	56.5	33.7	18.3	72.6	756
12-14	100.0	100.0	100.0	96.7	82.3	59.7	38.0	23.2	12.5	65.7	757
15-17	100.0	100.0	100.0	96.7	81.5	57.9	39.4	24.9	12.9	65.7	627
18-20	100.0	100.0	100.0	99.2	95.3	83.0	58.6	33.2	15.1	73.0	365
21-23	100.0	100.0	100.0	99.4	97.7	88.0	73.0	43.1	22.0	76.9	341
ALL HOURS	100.0	100.0	100.0	98.2	89.7	72.7	53.0	32.7	17.2	76.9	3176

MONTH: DEC

00-02	100.0	100.0	100.0	100.0	96.8	90.3	64.5	45.2	19.4	75.9	62
03-05										.0	0
06-08	100.0	100.0	99.6	98.5	95.8	86.4	66.7	41.7	23.5	75.7	264
09-11	100.0	99.9	99.6	97.9	91.3	76.0	54.7	35.0	16.9	71.8	791
12-14	100.0	100.0	99.0	93.8	80.9	61.7	42.5	24.9	12.9	66.1	775
15-17	100.0	100.0	99.3	94.1	80.4	61.4	42.1	25.9	12.9	66.1	606
18-20	100.0	100.0	100.0	97.0	87.3	75.0	56.3	35.3	17.0	71.5	300
21-23	100.0	100.0	99.6	96.9	92.6	79.8	60.1	36.8	16.3	72.6	258
ALL HOURS	100.0	100.0	99.4	96.0	86.7	70.9	50.9	31.6	15.7	72.6	3056

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: ALL

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO							90%	MEAN	TOTAL OBS
			30%	40%	50%	60%	70%	80%				
00-02	100.0	100.0	99.2	96.7	87.9	73.1	51.5	30.6	15.4	70.1		487
03-05										.0		0
06-08	100.0	100.0	99.9	99.2	96.2	87.9	71.6	48.8	27.7	77.7		4981
09-11	100.0	100.0	99.7	97.5	87.4	68.5	46.3	27.2	14.1	68.7		9757
12-14	100.0	100.0	99.0	91.8	72.5	49.2	30.7	18.0	10.2	61.7		9701
15-17	100.0	99.9	98.0	87.9	67.9	47.2	29.7	18.5	10.5	60.6		7310
18-20	100.0	99.9	99.0	93.6	81.2	63.1	41.4	23.7	12.5	66.0		4878
21-23	100.0	100.0	99.6	96.8	89.3	74.9	54.7	33.6	16.4	71.2		4312
ALL HOURS	100.0	100.0	99.2	94.1	81.0	62.7	43.1	26.4	14.3	66.7		41426

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	FFFFFF
PP	AAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	MEAN	.0	.0	.0	1014.2	1016.4	1015.9	1016.7	1017.6	1019.6	1019.7	.0	.0	1017.4
	SD	.000	.000	.000	6.568	5.740	5.598	4.480	4.263	6.145	7.261	.000	.000	5.921
	TOT OBS	0	0	0	106	275	274	272	292	272	240	0	0	1731
1000	MEAN	1020.2	1019.6	1017.7	1015.0	1016.3	1015.9	1016.7	1017.8	1019.9	1020.5	1020.2	1021.0	1018.3
	SD	9.465	9.575	9.624	7.982	5.839	5.607	4.506	4.271	6.172	7.520	8.408	8.498	7.750
	TOT OBS	266	244	294	279	273	275	270	293	272	275	252	264	3257
1300	MEAN	1018.2	1018.1	1016.4	1013.8	1015.3	1015.0	1015.8	1016.8	1018.7	1018.9	1018.5	1019.0	1017.0
	SD	9.612	9.613	9.167	7.692	5.704	5.512	4.427	4.158	5.916	7.479	8.250	8.379	7.555
	TOT OBS	267	243	294	274	271	273	269	292	270	276	252	258	3239
1600	MEAN	1018.0	1017.3	1015.3	1012.9	1014.4	1014.4	1014.9	1015.8	1017.7	1019.3	1018.1	1018.7	1016.5
	SD	9.424	9.354	8.786	7.603	5.871	4.805	4.677	4.276	5.815	6.989	8.085	8.385	7.892
	TOT OBS	263	242	292	235	151	141	140	154	148	155	250	247	2418
1900	MEAN	1019.1	1019.1	1017.0	1012.8	1015.0	1014.6	1015.1	1016.0	1018.1	1020.1	1018.7	1018.6	1016.9
	SD	9.865	8.629	8.882	6.950	5.566	4.806	4.557	4.289	5.661	6.783	7.915	8.652	7.389
	TOT OBS	133	128	157	153	142	137	132	152	143	133	122	101	1633
2200	MEAN	1020.2	1019.7	1017.9	1014.2	1016.2	1015.6	1016.1	1017.0	1018.8	1020.6	1019.1	1019.3	1017.8
	SD	9.650	8.496	8.907	6.737	5.429	4.991	4.418	4.199	5.784	7.009	8.335	8.882	7.354
	TOT OBS	127	118	153	145	133	128	123	135	132	122	112	88	1516
ALL HOURS	MEAN	1019.0	1018.6	1016.8	1013.9	1015.7	1015.3	1016.0	1017.0	1019.0	1019.8	1018.9	1019.4	1017.4
	SD	9.616	9.333	9.171	7.493	5.765	5.381	4.550	4.297	6.019	7.288	8.257	8.545	7.466
	TOT OBS	1056	975	1190	1192	1245	1228	1206	1318	1237	1201	988	958	13794

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA

PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 5

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	MEAN	.00	.00	.00	29.95	30.01	30.01	30.03	30.06	30.11	30.11	.00	.00	30.05
	SD	.000	.000	.000	.193	.169	.164	.130	.125	.179	.213	.000	.000	.173
	TOT OBS	0	0	0	105	275	274	272	292	272	240	0	0	1730
1000	MEAN	30.10	30.09	30.04	29.97	30.01	30.00	30.03	30.06	30.12	30.13	30.12	30.14	30.07
	SD	.280	.279	.283	.235	.171	.165	.131	.125	.180	.221	.246	.249	.226
	TOT OBS	268	244	294	279	273	275	270	293	272	276	252	264	3260
1300	MEAN	30.05	30.05	30.00	29.94	29.98	29.98	30.01	30.04	30.09	30.09	30.07	30.08	30.03
	SD	.282	.280	.274	.227	.168	.162	.130	.122	.173	.221	.242	.245	.222
	TOT OBS	267	243	295	274	270	273	269	292	270	276	252	258	3239
1600	MEAN	30.04	30.03	29.97	29.91	29.96	29.96	29.98	30.01	30.06	30.10	30.06	30.07	30.01
	SD	.276	.277	.262	.226	.173	.139	.137	.125	.170	.205	.237	.246	.232
	TOT OBS	263	241	293	236	152	141	140	154	148	154	251	247	2420
1900	MEAN	30.08	30.08	30.02	29.91	29.98	29.97	29.99	30.01	30.07	30.12	30.08	30.07	30.03
	SD	.287	.252	.260	.205	.163	.138	.133	.126	.162	.201	.231	.252	.215
	TOT OBS	134	128	157	153	142	136	132	152	142	133	122	101	1632
2200	MEAN	30.11	30.10	30.05	29.94	30.01	30.00	30.02	30.04	30.09	30.14	30.08	30.09	30.05
	SD	.281	.246	.262	.202	.160	.144	.129	.126	.168	.207	.244	.259	.215
	TOT OBS	127	118	153	145	133	128	123	135	132	124	113	88	1519
ALL HOURS	MEAN	30.07	30.06	30.01	29.94	30.00	29.99	30.01	30.04	30.10	30.11	30.08	30.09	30.04
	SD	.282	.273	.272	.222	.169	.157	.133	.126	.175	.215	.242	.250	.218
	TOT OBS	1059	974	1192	1192	1245	1227	1206	1318	1236	1203	990	958	13800

OPERATING LOCATION "A"
USAFETAC, ASEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	MEAN	.00	.00	.00	29.41	29.48	29.48	29.50	29.53	29.58	29.58	.00	.00	29.52
	SD	.000	.000	.000	.191	.167	.163	.130	.124	.176	.211	.000	.000	.172
	TOT OBS	0	0	0	105	275	274	272	292	272	240	0	0	1730
1000	MEAN	29.57	29.56	29.51	29.44	29.48	29.47	29.50	29.53	29.59	29.60	29.59	29.60	29.54
	SD	.277	.275	.279	.232	.170	.164	.131	.125	.177	.218	.243	.245	.223
	TOT OBS	268	244	294	279	273	275	270	293	272	276	252	264	3260
1300	MEAN	29.52	29.52	29.47	29.41	29.45	29.45	29.48	29.51	29.56	29.56	29.54	29.55	29.50
	SD	.279	.276	.271	.224	.166	.161	.130	.122	.171	.218	.239	.242	.219
	TOT OBS	267	243	295	274	270	273	269	292	270	276	252	258	3239
1600	MEAN	29.51	29.49	29.44	29.38	29.43	29.43	29.45	29.48	29.53	29.57	29.53	29.54	29.48
	SD	.272	.274	.259	.223	.172	.139	.137	.125	.169	.203	.233	.243	.229
	TOT OBS	263	241	293	236	152	141	140	154	148	154	251	247	2420
1900	MEAN	29.54	29.55	29.49	29.38	29.45	29.44	29.46	29.48	29.54	29.59	29.54	29.53	29.50
	SD	.283	.249	.257	.203	.162	.137	.133	.126	.161	.198	.228	.248	.212
	TOT OBS	134	128	157	153	142	136	132	152	142	133	122	101	1632
2200	MEAN	29.58	29.57	29.52	29.41	29.48	29.47	29.49	29.51	29.56	29.60	29.55	29.56	29.52
	SD	.277	.243	.259	.200	.159	.143	.129	.125	.166	.204	.240	.255	.212
	TOT OBS	127	118	153	145	133	128	123	135	132	124	113	88	1519
ALL HOURS	MEAN	29.54	29.53	29.48	29.41	29.47	29.46	29.48	29.51	29.56	29.58	29.55	29.56	29.51
	SD	.278	.269	.268	.219	.168	.156	.133	.126	.173	.212	.238	.246	.216
	TOT OBS	1059	974	1192	1192	1245	1227	1206	1318	1236	1203	990	958	13800

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	GGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGG
PP	AA AA	RR RR	TT	GGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.6			90				0	6.4	.7		267	7.6	.9		804
CATEGORY B	14.4	8.9		90				0	8.7	5.6	.3	288	13.1	7.7	.5	879

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	10.6	2.0		802	8.2	1.2		669	6.8	.5		399	6.9	2.1		375
CATEGORY B	18.2	8.2	1.2	865	15.6	7.1	.7	700	12.2	5.4	.2	409	13.0	7.9	.8	392

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	8.3	1.2		2941	8.1	1.3		3406
CATEGORY B	14.5	7.2	.7	3141	14.4	7.3	.7	3623

OPERATING LOCATION "A"
USA*ETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 725144 STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST T UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	7.8			90				0	5.3	.8		245	10.1	2.3		733
CATEGORY B	15.6	6.7		90				0	8.2	3.5	.4	256	16.0	9.1	1.6	815

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	12.7	2.1	.5	730	12.2	2.6	.2	616	7.9	2.4		379	6.3	2.0		350
CATEGORY B	20.7	11.4	1.8	791	19.2	10.7	1.8	662	14.2	8.2	1.5	402	10.7	7.5	1.6	374

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	10.5	2.2	.2	2703	10.0	2.1	.2	3143
CATEGORY B	17.1	9.5	1.6	2926	16.3	9.2	1.5	3390

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.9	1.0		101				0	5.9			289	12.4	1.9		878
CATEGORY B	11.9	5.0		101				0	12.0	6.0		301	19.1	10.1	1.2	936

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	13.9	2.8		882	13.1	2.3	.1	746	6.1	.4		473	6.5	1.3		449
CATEGORY B	21.1	11.8	1.6	931	19.5	11.8	1.5	778	14.3	6.5	.2	496	12.2	6.0	.6	466

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	11.5	1.9	.0	3268	10.8	1.8	.0	3818
CATEGORY B	18.4	10.1	1.1	3442	17.5	9.5	1.0	4009

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.0			49				0	5.5	1.3	.3	385	9.4	1.2		836
CATEGORY B	6.1	2.0		49				0	8.3	3.5	.7	423	14.0	6.2	.6	906

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	10.7	2.2		823	10.0	1.3		667	4.1	.9		460	3.3	.2		426
CATEGORY B	18.3	10.9	.7	868	17.6	8.3	.3	700	7.7	4.7	.6	493	5.5	3.3	.2	453

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	8.6	1.5	.0	3171	7.9	1.3	.0	3646
CATEGORY B	14.2	7.3	.6	3390	13.1	6.8	.5	3892

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	2.5			550	4.1	.4		821
CATEGORY B				0				0	3.7	.7		592	7.1	2.8	.3	862

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.8	.4		816	6.1	.7		570	2.1			425	1.1			357
CATEGORY B	10.6	4.1	.2	857	11.8	4.9	.3	611	3.8	1.5	.4	468	1.9	.3		372

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.4	.3		3182	4.0	.3		3539
CATEGORY B	7.8	2.9	.3	3390	7.2	2.7	.2	3762

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				1				0	2.2	.4		548	5.3	.2		823
CATEGORY B				1				0	3.5	1.2	.2	578	8.6	4.1	.1	852

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.5	.7		817	4.7			553	1.7	.2		411	2.1	.3		340
CATEGORY B	12.3	4.7	.5	835	9.3	4.3	.3	579	3.2	2.1	.2	439	4.9	1.9	.3	369

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.5	.3		3152	4.3	.3		3493
CATEGORY B	8.0	3.5	.3	3283	7.7	3.3	.3	3653

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				3				0	1.3			544	2.7			811
CATEGORY B				3				0	1.5	.5		583	4.3	1.8		857

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.1			807	2.8	.6		544	1.0	.3		394	.3			338
CATEGORY B	6.3	1.8	.1	848	6.6	2.5	.3	602	1.6	1.2	.2	429	.8	.3		358

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.6	.1		3100	2.4	.1		3441
CATEGORY B	4.4	1.6	.1	3319	4.0	1.5	.1	3680

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	1.0	.5		585	2.8	.1		878
CATEGORY B				0				0	.9	.5	.2	633	3.4	1.4		934

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.8	.3		875	2.7	.7		599	1.5	.2		455	.3			377
CATEGORY B	5.3	2.7	.2	904	5.0	3.2	1.0	626	2.4	1.2	.2	495	.8	.3		384

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.6	.4		3392	2.3	.3		3769
CATEGORY B	3.6	1.8	.3	3592	3.3	1.7	.3	3976

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	2.0	.6		544	2.8	.4		815
CATEGORY B				0				0	2.5	1.5	.2	590	3.7	2.0		861

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.7			810	2.7	.2		562	1.6	.2		430	3.0	.3		361
CATEGORY B	6.4	1.9	.1	847	4.4	1.9		589	3.0	1.7	.4	465	3.2	1.6		380

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.7	.3		3161	2.8	.3		3522
CATEGORY B	4.2	1.8	.1	3352	4.1	1.8	.1	3732

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	7.7	7.7		13				0	1.9	.2		517	3.1	.5		829
CATEGORY B	7.7	7.7	7.7	13				0	3.3	1.7	.4	540	6.6	3.2	.3	867

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.9	1.0		828	4.1			565	2.3	.8		400	1.7	.3		347
CATEGORY B	10.7	5.3	.7	860	8.0	3.4	.2	589	3.6	1.7	.5	420	2.8	1.7	1.1	358

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.7	.5		3139	3.5	.5		3499
CATEGORY B	7.0	3.4	.4	3276	6.6	3.2	.5	3647

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.3			78				0	3.6	1.2		252	7.5	1.5	.1	756
CATEGORY B	3.8	1.3		78				0	7.6	5.0	.8	262	11.0	6.7	1.1	811

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	8.1	1.8		757	7.5	1.3		627	4.7	1.1		365	4.4	.6		341
CATEGORY B	13.0	6.5	1.5	806	12.1	6.6	.6	663	8.3	4.4	.3	384	8.3	5.6	.3	372

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.9	1.5	.0	2757	6.5	1.3	.0	3176
CATEGORY B	11.1	6.2	1.0	2926	10.7	6.0	.9	3376

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.8			62				0	5.3	1.5		264	6.8	.8		791
CATEGORY B	12.9	3.2		62				0	9.4	6.5	1.1	277	12.2	7.2	1.0	839

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	9.8	1.8		775	6.9	.7		606	4.7	.3		300	5.8	.4		258
CATEGORY B	15.8	9.2	1.1	812	11.9	6.3	.6	632	8.6	4.3	.6	327	8.8	4.4	.7	273

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	7.3	1.1		2736	7.1	1.0		3056
CATEGORY B	12.4	7.2	.9	2887	12.1	6.9	.9	3222

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 070-250

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.1	.4		487				0	3.0	.5	.0	4990	6.2	.8	.0	9775
CATEGORY B	11.1	4.9	.2	487				0	4.8	2.3	.3	5323	9.9	5.2	.5	10419

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	7.9	1.3	.0	9722	7.0	1.0	.0	7324	3.7	.6		4891	3.5	.6		4319
CATEGORY B	13.2	6.5	.8	10224	12.1	6.2	.7	7731	6.8	3.5	.4	5227	6.2	3.4	.5	4551

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.1	.9	.0	36702	5.8	.9	.0	41508
CATEGORY B	10.1	5.1	.6	38924	9.7	4.9	.6	43962

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	HHHHHHHHHH	HHHHHHHHHH
PPPPPPPPPP	AAAAAAA	RRRRRRRR	TT	HHHHHHHHHH	HHHHHHHHHH
PP	AAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
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MEAN

SD

****SPL 30YR SUMMATION (1951 -1980)****

MEAN

SD

OPERATINGLOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 725144

STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA
LST TO UTC: + 5

PERIOD OF RECORD: MAY 79 - APR 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
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MEAN

SD

****SPL 30YR SUMMATION (1951 -1980)****

MEAN

SD

A W S	STATION NAME: FT INDIANTOWN GAP/MUIR AAF PA	FIELD ELEV: 488 FT
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 40 26 N 076 34 W	STATION MSC: 725144
(LIMITED)	HOURLY OBS POR: MAY 79 - APR 89	CALL SIGN: KMUI
OCT 89	SUMMARY OF DAY POR: SEP 78 - APR 89 (PART TIME)	SUPERCEDES: JUN 85
	HOURS SUMMARIZED: 00 AND 08-23 LST	
	LST TO UTC: +05	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
@ EXTRM MAX TEMP (F)	74	77	88	92	98	103	107	106	103	96	82	72	107	58
@ MEAN MAX TEMP (F)	38	40	50	62	73	81	87	84	76	64	53	41	62	58
@ MEAN TEMP (F)	30	31	40	51	62	70	76	73	65	54	43	33	52	58
@ MEAN MIN TEMP (F)	22	22	29	39	50	59	64	61	54	43	33	24	42	58
@ EXTRM MIN TEMP (F)	-23	-12	-2	19	29	38	46	42	28	21	8	-11	-23	58
MEAN DEWPOINT TEMP (F)	20.0	24.5	31.0	40.8	52.3	59.7	65.0	64.7	57.1	45.2	37.2	27.2	44.2	10
MEAN WET BULB TEMP (F)	26.4	31.1	38.3	47.9	58.1	64.9	69.8	68.7	61.5	50.5	42.3	33.0	49.8	10
99.95% WCPA (FT)	1200	1200	1250	1150	950	900	800	750	850	950	1050	1100	1050	10
MEAN REL HUM 08 LST(%)	73.0	72.6	71.0	72.2	76.2	77.2	77.4	82.7	83.6	81.2	80.0	75.7	77.7	10
MEAN REL HUM 13 LST(%)	65.5	64.9	61.9	59.8	59.4	57.7	56.4	61.3	61.4	61.4	65.7	66.1	61.7	10
@ MAX 24HR PRECIP (IN)	2.88	2.16	2.14	3.25	3.12	7.16	4.00	5.72	5.00	3.87	5.11	2.84	5.72	58
@ MAX PRECIP (IN)	9.93	7.40	6.67	10.73	10.12	16.16	10.19	12.44	14.97	9.87	7.20	7.57	57.95	58
@ MEAN PRECIP (IN)	3.04	2.85	3.36	3.94	4.26	4.09	3.98	3.80	3.64	3.16	3.65	3.23	42.64	58
@ MIN PRECIP (IN)	.43	.53	1.02	.45	.51	.07	.78	.93	.65	.04	.79	.23	28.98	42
@ MAX 24HR SNFL (IN)	14.0	24.0	10.5	8.5	#	0	0	0	0	1.2	10.0	10.1	24.0	58
@ MAX SNFL (IN)	34.0	30.2	22.6	10.7	#	0	0	0	0	1.2	15.4	28.3	81.7	58
@ MEAN SNFL (IN)	8.2	8.2	4.9	.8	#	0	0	0	0	#	1.6	4.9	28.6	58
MEAN SFC WND DIR (DEG)	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$270	\$270	\$300	\$270	\$300	10
MEAN WND SPD (KTS)	5.2	5.7	6.3	6.2	4.8	4.4	3.8	3.5	3.6	4.0	4.8	5.0	4.8	10
@ MAX WND SPD (KTS)	47	45	45	38	40	53	40	48	48	40	44	47	53	12
SKY COVER GT 1/2 (%)	63.0	67.2	61.0	63.1	63.0	56.4	56.0	57.6	54.0	57.4	67.0	69.8	61.4	10
@ D/W THUNDERSTORMS	#	1	1	2	5	6	7	5	3	1	1	#	32	42
D/W FOG (VSBY LT 7 MI)	11	11	9	10	12	11	14	17	15	12	12	11	145	12
D/W MEAS. PRECIP	11	10	9	13	13	11	11	11	9	11	11	11	131	12

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

& = BASED ON LESS THAN FULL MONTHS

** = INSTANTANEOUS PEAK WINDS

* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

REMARKS : @ SUMMARY OF THE DAY (SOD) DATA WERE SUPPLEMENTED FROM THE FOLLOWING SOURCES:

1. CLIMATOGRAPHY OF THE UNITED STATES (20-36 DEC 89) FOR LEBANON PA, SOD POR JAN 31-DEC 68.
2. SOD DATA FOR HARRISBURG PA, POR JAN 48-FEB 89.
3. LOCAL CLIMATOLOGICAL DATA (MAR 88) FOR HARRISBURG PA, SOD POR 30+ YRS.

NOTE: JAN EXTRM MIN TEMP RECORDED 14 JAN 1912 (LEBANON PA).

AUG EXTRM MAX TEMP RECORDED 14 AUG 1918 (LEBANON PA).

*** NIGHTTIME HOURLY OBSERVATIONS EXTREMELY LIMITED ***

C.S.

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	7.8	16.7	8.9	14.3	*	.0	.0	*	*	7.7	21.8	17.7	7.9	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	06 - 08	20.2	26.5	21.1	23.9	28.9	24.1	25.2	34.9	34.6	30.0	25.4	22.0	26.4	10
	09 - 11	19.8	24.6	20.8	21.5	22.5	15.1	16.4	21.5	24.0	21.6	24.6	20.0	21.0	10
	12 - 14	19.1	21.1	20.6	18.7	16.7	10.3	8.6	11.1	17.2	16.9	22.3	19.6	16.8	10
	15 - 17	17.2	20.5	18.5	14.7	14.7	8.3	7.5	7.2	13.3	14.2	20.1	20.3	14.7	10
	18 - 20	12.8	17.9	13.5	13.3	16.0	6.6	8.1	8.6	12.8	10.7	22.2	21.0	13.6	10
	21 - 23	9.1	18.3	11.1	12.0	14.3	6.8	10.7	8.8	16.1	9.5	20.2	15.9	12.7	10
	ALL	16.8	21.4	18.0	17.6	19.3	12.5	13.0	16.1	20.2	18.0	22.4	19.8	17.8	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	5.6	13.3	7.9	6.1	*	.0	.0	*	*	7.7	19.2	14.5	6.2	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	06 - 08	14.6	22.9	16.6	16.4	24.7	21.5	22.4	31.6	29.6	25.7	21.4	15.5	21.9	10
	09 - 11	15.9	20.7	16.3	13.2	16.3	12.0	12.0	15.5	16.4	15.9	19.3	14.5	15.7	10
	12 - 14	15.6	17.3	14.4	10.6	10.2	7.3	3.3	4.0	8.4	9.5	14.5	13.7	10.7	10
	15 - 17	13.8	14.3	13.7	8.2	8.9	6.1	3.5	3.5	5.2	8.8	13.1	13.0	9.3	10
	18 - 20	9.3	12.4	8.7	5.9	11.5	4.9	6.3	7.0	6.3	6.7	12.3	15.0	8.9	10
	21 - 23	5.6	13.7	7.6	5.4	9.5	6.2	9.2	6.6	12.2	7.2	12.9	8.5	8.7	10
	ALL	13.1	16.8	13.2	10.1	13.8	10.1	9.3	11.5	13.1	12.8	15.6	13.6	12.7	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	4.4	11.1	5.9	6.1	*	.0	.0	*	*	7.7	14.1	11.3	5.0	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	06 - 08	11.2	18.0	13.5	11.2	17.6	13.5	15.3	20.7	20.2	19.1	15.5	11.4	15.6	10
	09 - 11	13.6	16.6	13.0	9.3	9.7	7.3	4.9	6.9	9.8	10.4	13.6	11.6	10.6	10
	12 - 14	11.2	13.0	10.9	5.7	5.6	4.5	1.9	2.4	3.5	5.1	9.6	10.9	7.0	10
	15 - 17	9.0	11.4	8.0	4.6	4.6	3.3	1.1	2.2	2.1	4.8	8.6	8.7	5.7	10
	18 - 20	6.8	9.8	5.9	4.1	6.1	3.9	4.1	2.6	3.0	3.7	9.9	11.3	5.9	10
	21 - 23	5.3	9.7	4.7	3.5	5.6	4.1	5.0	2.7	7.5	4.9	9.4	7.4	5.8	10
	ALL	10.0	13.1	9.5	6.5	8.3	6.3	5.1	6.3	7.7	8.2	11.0	10.4	8.4	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.1	1.1	.0	.0	*	.0	.0	*	*	7.7	1.3	3.2	1.2	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	06 - 08	2.6	4.9	1.7	.8	1.5	1.1	1.5	1.4	4.0	5.2	4.0	2.7	2.6	10
	09 - 11	2.1	2.0	.7	.5	.0	.4	.0	.3	.5	.4	2.8	1.8	1.0	10
	12 - 14	2.7	1.6	.7	.1	.0	.1	.1	.0	.0	.0	.1	1.3	.6	10
	15 - 17	1.5	1.8	.8	.1	.0	.0	.0	.0	.0	.0	.2	.3	.4	10
	18 - 20	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.2	10
	21 - 23	1.3	.9	.0	.0	.0	.0	.0	.3	.6	.3	.6	2.3	.5	10
	ALL	1.9	1.7	.6	.2	.2	.3	.3	.3	.8	.9	1.1	1.5	.8	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:

HR/TS	JAN	FEB	MAR	APR	MAY	JUN
60NM	0/0	0/0	0/0	0/0	0/0	0/0
120NM	0/0	0/0	0/0	0/0	0/0	0/1
240NM	0/0	0/0	0/0	0/0	0/0	0/5

HR/TS	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/6	0/2	0/0	0/0	0/0	0/8
120NM	0/2	0/8	1/6	1/0	0/0	0/0	2/17
240NM	2/4	9/12	10/10	1/0	0/1	0/0	22/32

CR-2

DISTRIBUTION

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